



Parts Manual

Cummins **Onan**

Performance you rely on.™



Generator Set

NHM (Spec A-H)

MODEL IDENTIFICATION

To avoid errors or delay in filling your parts order, always give the MODEL, SPEC NO. and SERIAL NO. from the Onan nameplate.

For handy reference, insert your nameplate information in the spaces below.

MODEL AND SPEC NO.

SERIAL NO.

DIGITAL CONTROL SOFTWARE VERSION
AND DATE (IF APPLICABLE)

SAFETY PRECAUTIONS

The following symbols are used in Onan manuals to alert users to the potentially dangerous conditions relating to maintenance of equipment and replacement of parts. Please read and observe.



This symbol warns of immediate hazards which will result in severe personal injury or death.



This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.



This symbol refers to a hazard or unsafe practice which can result in severe personal injury or product or property damage.

PRODUCT SAFETY PRECAUTIONS



Service and repair of Onan equipment must be performed by trained, experienced personnel only. Improper service or repair may result in property damage, severe personal injury or death. Do not use this catalog as a guide to servicing your equipment. Read and follow the IMPORTANT SAFETY INSTRUCTIONS in the Service Manual appropriate for the equipment you are working on.



Contact with USED ENGINE OILS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking or changing engine oils take all necessary precautions not to ingest, breathe the fumes or contact the used oil.



Contact with ASBESTOS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When handling engine gaskets take all necessary precautions not to ingest, breathe or contact the dust from the gaskets! Use adequate ventilation and wear protective gloves, masks and clothing!



Contact with BENZINE and LEAD, found in gasoline, fuel additives and solvents has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking, draining or adding gasoline and fuel additives or using solvents take all necessary precautions not to ingest, breathe the fumes or contact the liquids. Use adequate ventilation and wear protective gloves, masks and protective clothing!

Introduction

This manual applies to the standard NHM Recreational Vehicle Generator Set as listed in the Generator Set Data Table. Parts are arranged in groups of related items and each illustrated part is identified by a reference number corresponding to the same reference number in the parts list. Parts illustrations are typical. Using the model and specification number from your generator set nameplate, select parts that apply to your set. Right and left sides are determined by facing the engine end (front) of the set.

Generator Set Data Table

MODEL**	ELECTRICAL DATA				
	WATTS	VOLTS	HERTZ	WIRE	PHASE
6.5NHM-FA/*	6,500	120	60	2	LP
7.0NHM-FA/*	7,000	120	60	2	Gasoline

* – The diagonal line (/) in the model and specification number separates generator set characteristics from the specification number and letter. The specification number denotes customer requested options or deviations from a standard (1A, 1B, etc.) model. The specification letter advances (A to B, B to C, etc.) with major manufacturing changes.

** – See Back of Book for W/D Information.

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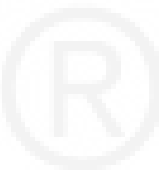
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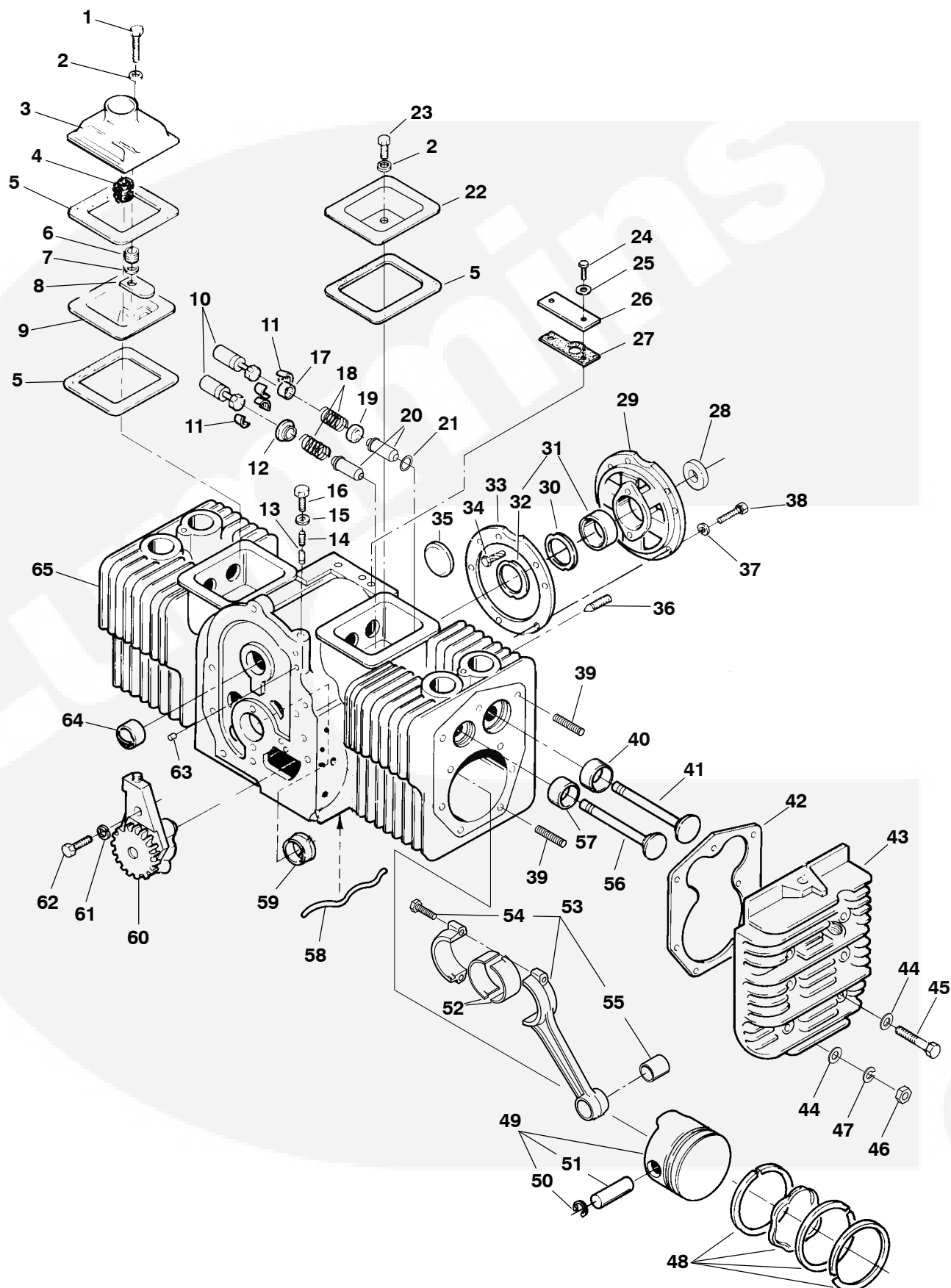
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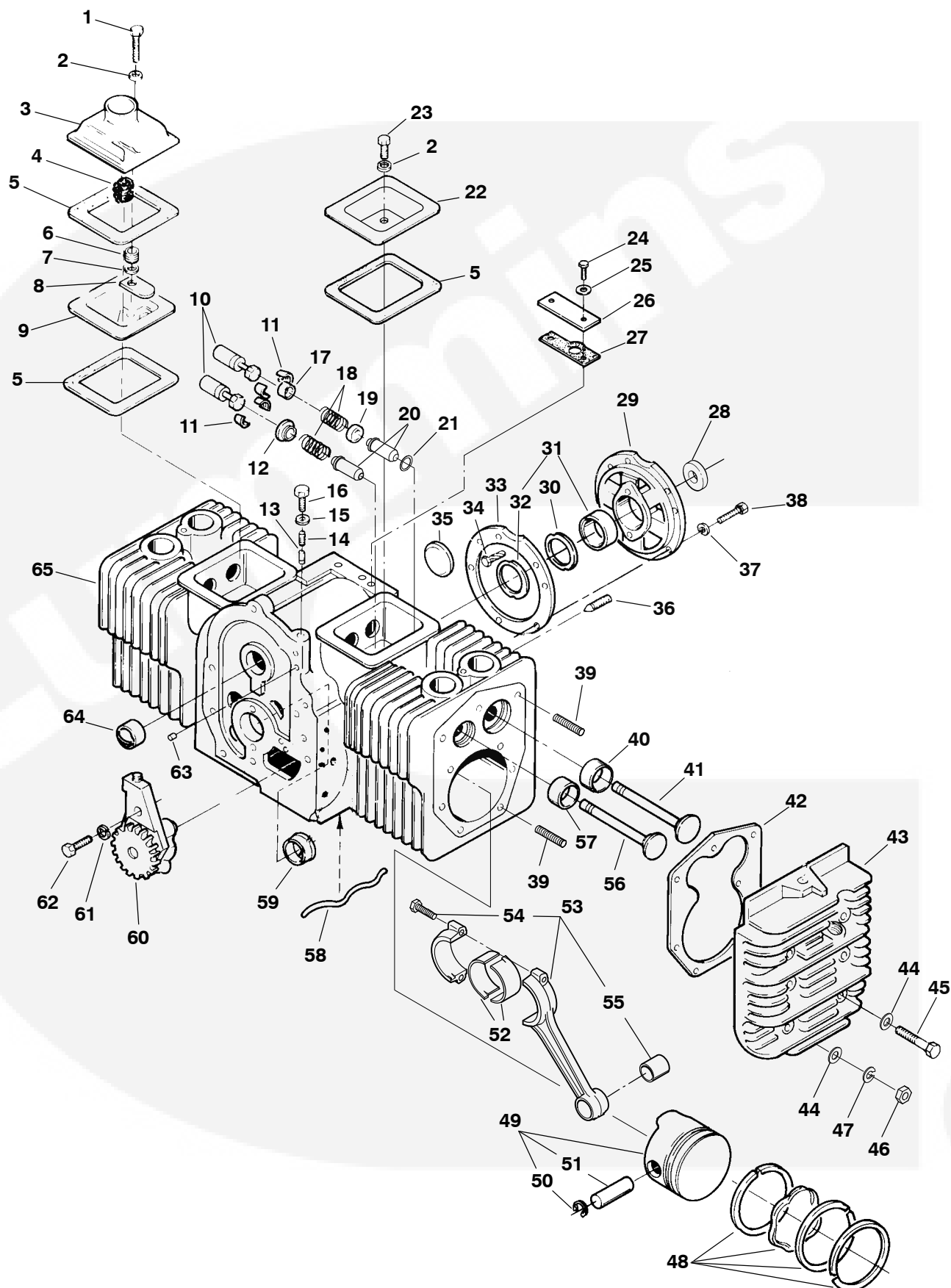
Cylinder Block



Cylinder Block

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	800-0013	1	Screw, Hex Head Cap (1/4-20 x 2-1/2")	36	803-0071	2	Screw, Socket Set (3/8-16 x 5/8")
2	526-0063	2	Washer, Copper Flat (1/4")	37	526-0402	5	Washer, Flat (.395")
3	123-1654	1	Cover, Left Side Breather	38	800-0051-01	5	Screw, Hex Head Cap (3/8-16 x 1-1/4")
4	123-1871	1	Filter, Breather	39			Stud, Cylinder Head Mounting Begin Spec C
5	110-3575	3	Gasket, Valve Cover		520-0919	8	3/8 x 2-19/32" (Install 4 Bottom Holes - RH, LH Heads)
6	123-1174	1	Spring, Breather Valve		520-0876	4	3/8 x 2-3/4" (Install 2 Top Holes - RH, LH Heads)
7	526-0018	1	Washer, Flat (1/4")		520-0918	8	3/8 x 3" (Install 4 Middle Holes - RH, LH Heads)
8	123-1175	1	Reed, Breather Valve	40			Seat, Intake Valve Standard
9	123-1653	1	Pan, Breather		110-3655	2	.002" Oversize
10			Tappet, Valve Standard		110-3655-02	2	.005" Oversize
	115-0006	4	.002" Oversize		110-3655-05	2	.010" Oversize
	115-0006-02	4	.005" Oversize		110-3655-10	2	.025" Oversize
	115-0006-05	4	Lock, Valve Spring	41	110-1718	2	Valve, Intake
11	110-0639	8	Rotocap, Exhaust Valve	42	110-2987	2	Gasket, Cylinder Head
12			Gasoline Units	43	110-3549	2	Head, Cylinder
	110-0904	2	LP Units	44	526-0250	20	Washer, Flat (Special)
	110-0904	4	Plunger, Bypass Valve	45	800-0590	20	Screw, Hex Head Cap Spec A, B (Special)
13	120-0398	1	Spring, Bypass Valve	46	104-0091	20	Nut, Hex (Special) Begin Spec C
14	120-0140	1	Washer, Copper Flat (3/8")	47	851-0029	24	Washer, Compression Lock Begin Spec C (Special)
15	526-0066	1	Screw, Hex Head Cap (3/8-24 x 7/8")	48			Kit, Piston Ring Specs A,B
16	801-0050	1	Washer, Intake Valve Spring Retainer (Special)		113-0296	2	Standard
17	110-0893	2	Spring, Valve		113-0296-05	2	.005" Oversize
18	110-0539	4	Seal, Intake Valve Oil		113-0296-10	2	.010" Oversize
19	110-3604	2	Guide, Valve Exhaust		113-0296-20	2	.020" Oversize
20			Intake		113-0296-30	2	.030" Oversize
	110-3167	2	Gasket, Intake Valve Guide				Begin Spec C
	110-3168	2	Cover, Right Side Valve		113-0311	2	Standard
21	110-3136	2	Screw, Hex Head Cap (1/4-20 x 2")		113-0311-05	2	.005 Oversize
22	110-1624-01	1	Screw, Hex Head Cap (1/4-20 x 5/8")		113-0311-01	2	.010 Oversize
23	800-0011	1	Washer, Flat (M6)		113-0311-02	2	.020 Oversize
24	800-0004	2	Cover, Breaker Box Opening		113-0311-03	2	.030 Oversize
25	740-1004	2	Gasket, Breaker Box Opening	49			Piston (Includes Pin and Retaining Rings)
26	160-1345	1	Seal, Rear Oil		112-0265	2	Standard
27	160-1368	1	Plate, Rear Bearing		112-0265-05	2	.005 Oversize
28	509-0041	1	Shim, Crankshaft (Use as Required)		112-0265-01	2	.010 Oversize
29	101-0439-01	1	.005"		112-0265-02	2	.020 Oversize
30			.003"		112-0265-03	2	.030 Oversize
	104-0776	1	Bearing, Rear Crankshaft (Includes Thrust Washer)	50			Ring, Retaining Specs A,B
31			Standard		518-0294	4	Begin Spec C
	101-0804	1	.002" Undersize		112-0267	4	Pin, Piston
	101-0804-02	1	.010" Undersize	51			Specs A,B
	101-0804-10	1	.020" Undersize		112-0069	2	Begin Spec C
	101-0804-20	1	.030" Undersize		112-0268	2	
	101-0804-30	1	Washer, Thrust (Special)				
32	104-0575	2	Gasket, Bearing Plate				
33	101-0809	1	Pin, Bearing Stop Drive				
34	516-0072	2	Plug, Camshaft Opening Welch (1-5/8")				
35	517-0048-01	1					

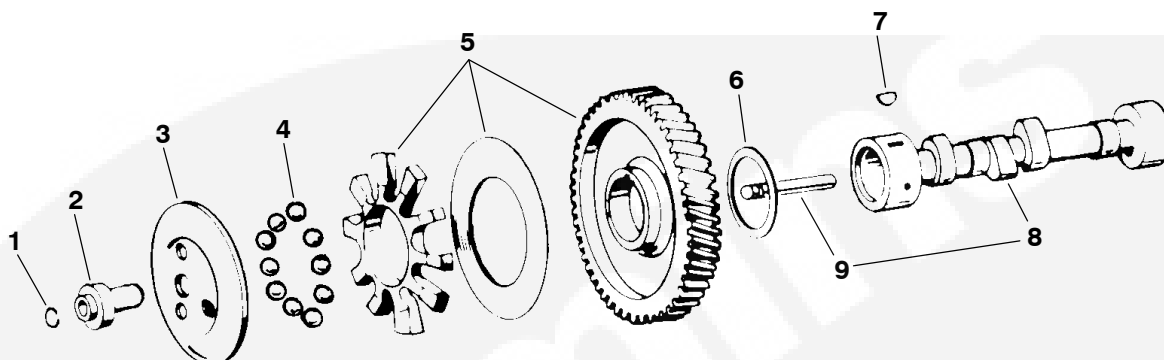
Cylinder Block



Cylinder Block

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
52			Bearing, Connecting Rod Half	58	120-0680	1	Tube, Cylinder Block Oil
	114-0188	4	Standard	59			Bearing, Front Crankshaft
	114-0188-02	4	.002" Undersize				(Flanged)
	114-0188-10	4	.010" Undersize		101-0805	1	Standard
	114-0188-20	4	.020" Undersize		101-0805-02	1	.002" Undersize
	114-0188-30	4	.030" Undersize		101-0805-10	1	.010" Undersize
53	114-0203	2	Rod, Connecting (Includes Bolt and Bushing)		101-0805-20	1	.020" Undersize
					101-0805-30	1	.030" Undersize
54	805-0010	4	Bolt, Connecting Rod Place (Special)	60	120-0491	1	Pump, Oil (Components Not Sold Separately)
55	114-0036	2	Bushing, Piston Pin	61	740-1004	2	Washer, Flat (M6)
56			Valve, Exhaust	62	800-0007	2	Screw, Hex Head Cap (1/4-20 x 1")
	110-1719	2	LP Engines				
	110-1761	2	Gasoline Engines	63	517-0067	1	Plug, Core Hole
57			Seat, Exhaust Valve	64	101-0405	2	Bearing, Camshaft (Precision)
	110-3462	2	Standard	65	-	1	Block, Cylinder (See Short Block Catalog #932-0109)
	110-3462-01	2	.002" Oversize				
	110-3462-02	2	.005" Oversize				
	110-3462-03	2	.010" Oversize				
	110-3462-04	2	.025" Oversize				

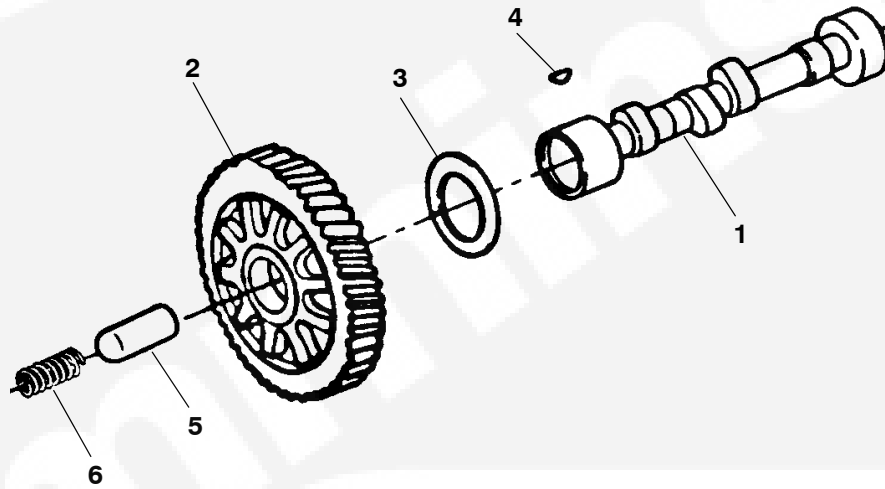
Camshaft Spec A



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-0078	1	Ring, Retaining
2	150-1519	1	Hub, Governor Cup
3	150-1520	1	Cup, Governor (Includes Bushing)
4	510-0015	10	Ball, Governor
5	105-0700	1	Gear, Camshaft (Includes Plate and Spacer)

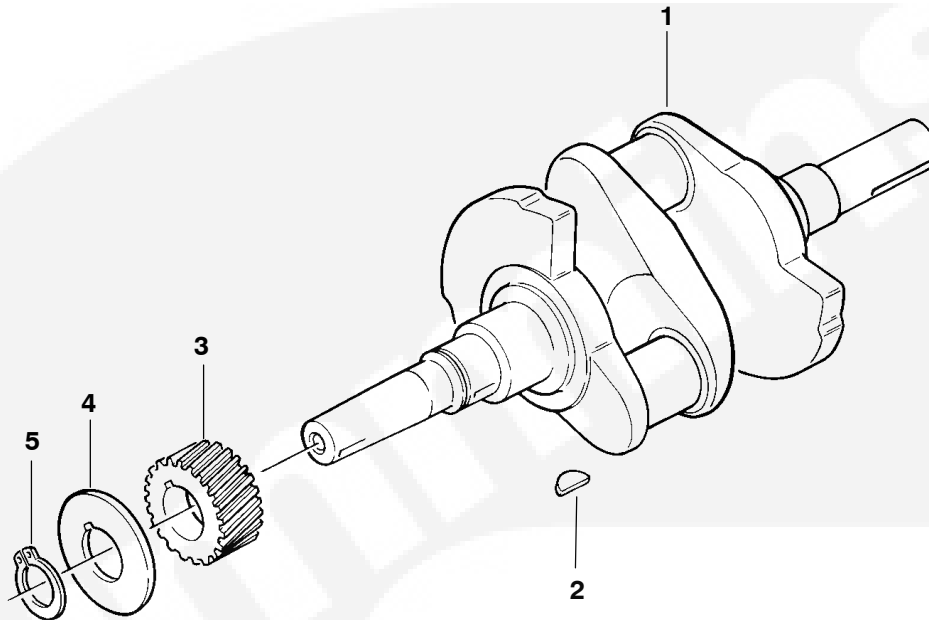
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	105-0541	1	Washer, Thrust
7	515-0001	1	Key, Woodruff
8	105-0638	1	Camshaft (Includes Center Pin)
9	150-0075	1	Pin, Center

Camshaft Begin Spec B



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	105-0676	1	Camshaft	4	515-0001	1	Key, Woodruff
2	105-0700	1	Gear (Includes Spacer and Plate)	5	105-0058	1	Plunger, Camshaft
3	105-0541	1	Washer, Thrust	6	105-0059	1	Spring, Plunger

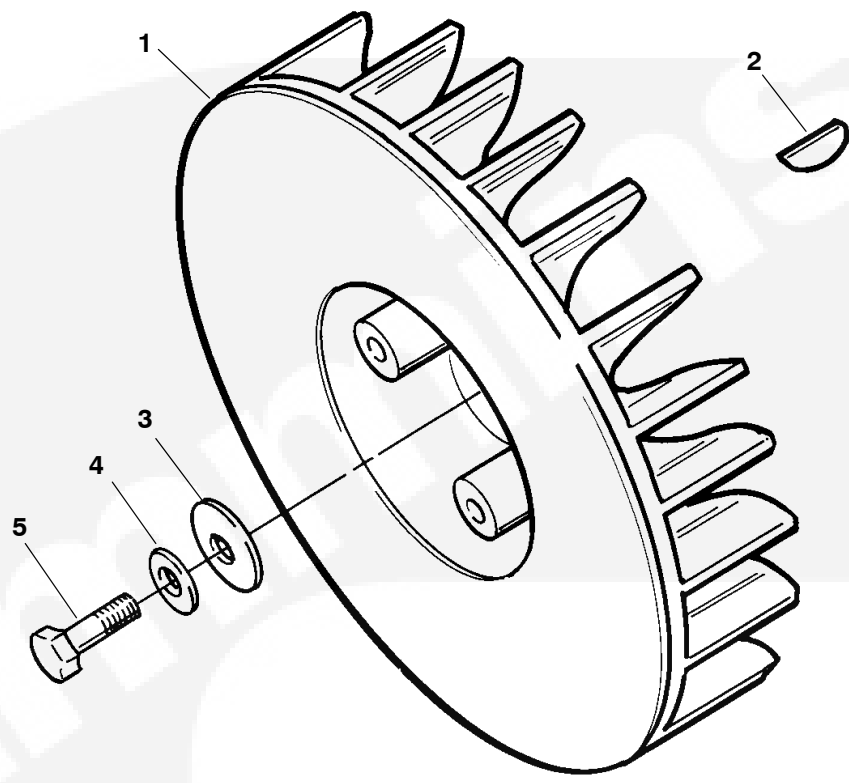
Crankshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	104-1736	1	Crankshaft
2	515-0001	1	Key, Gear
3	104-0032	1	Gear, Crankshaft

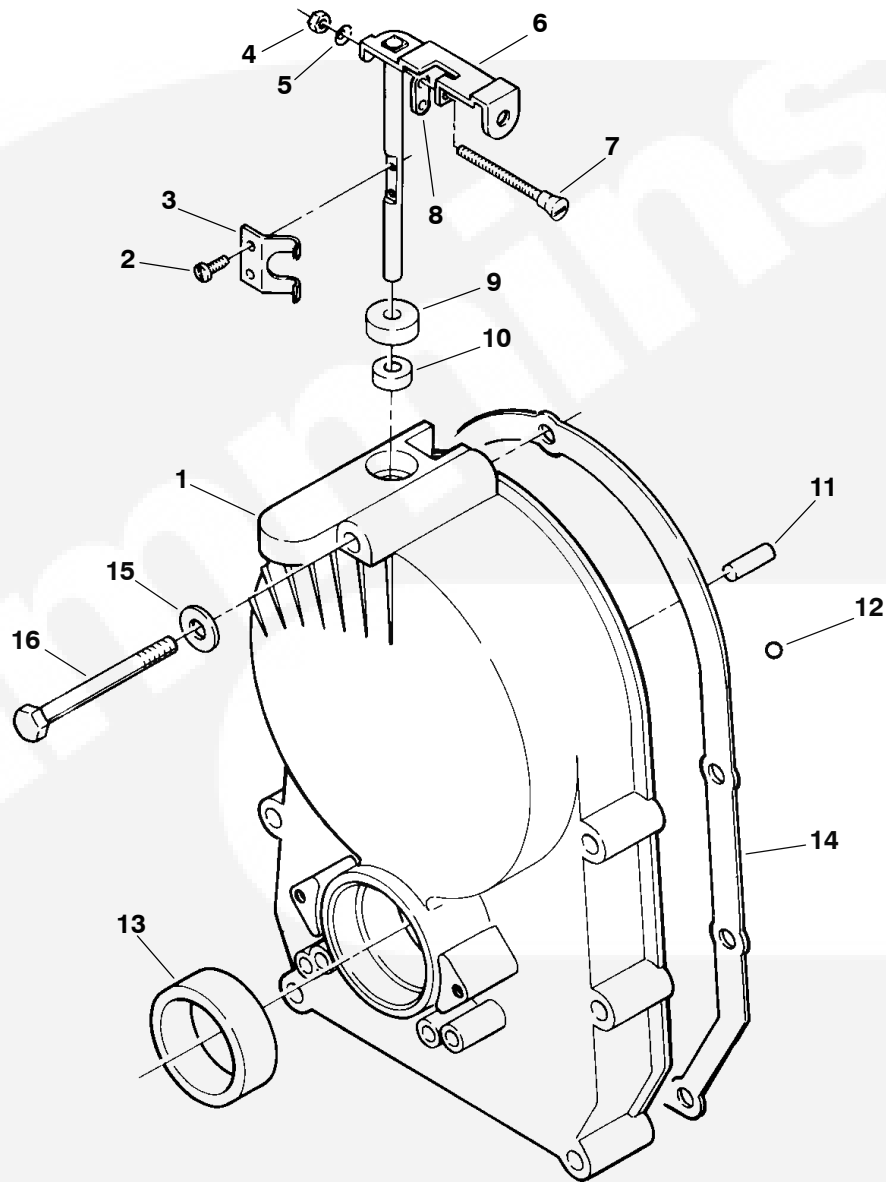
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	104-0043	1	Washer, Gear
5	518-0014	1	Ring, Retaining

Blower Wheel



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-4705	1	Wheel, Blower	4	526-0356	1	Washer, Flat (7/16" x 1/8"Thk)
2	515-0098	1	Key, Blower Wheel	5	104-0170	1	Screw (Special)
3	526-0017	1	Washer, Flat (7/16" x 1/4"Thk)				

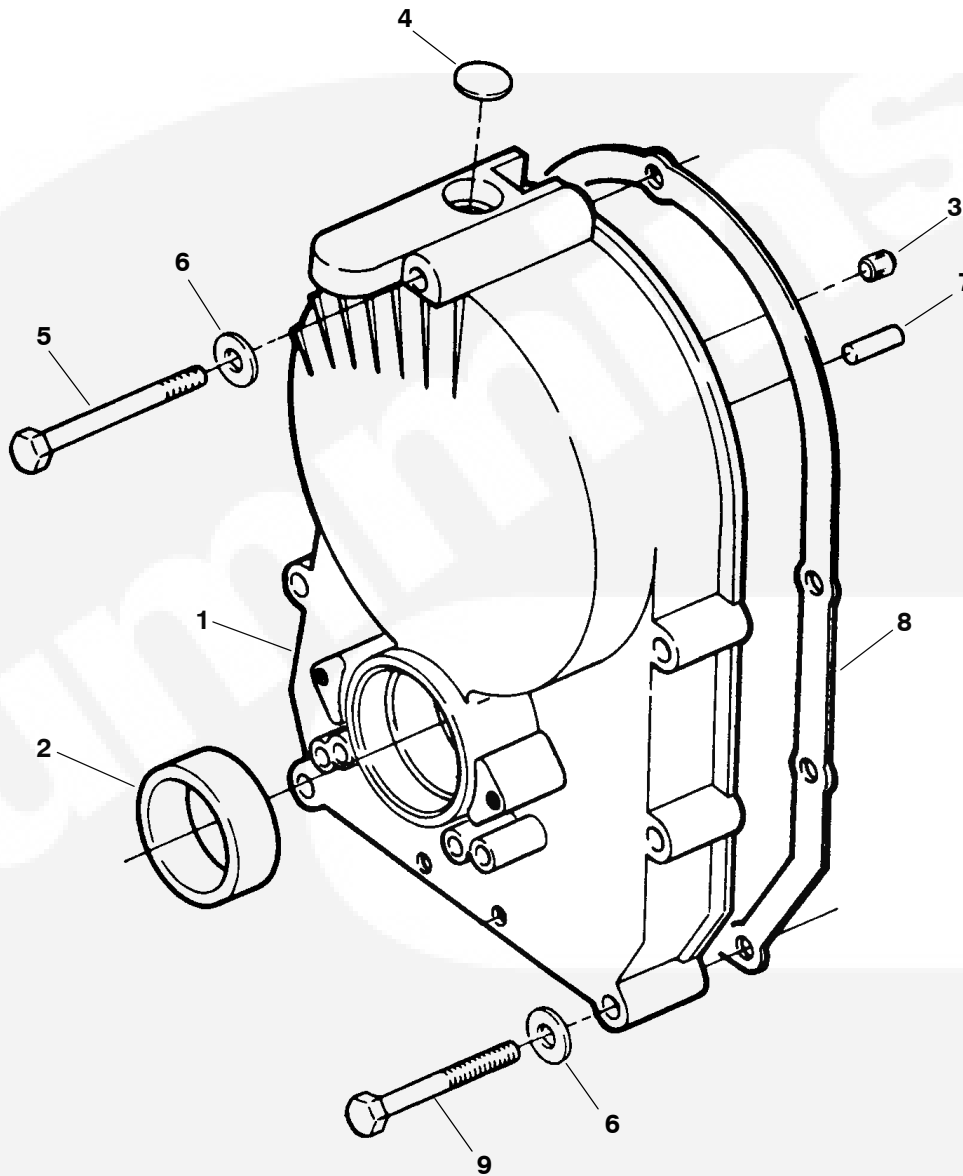
Gearcase Spec A



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	103-0804	1	Gearcase Assy (Includes Parts Marked *)	10	510-0013	1	*Bearing, Needle
2	815-0046	2	*Screw, Pan Head Machine Cross Recessed (#8-32 x 3/8")	11	516-0130	1	*Pin
3	150-1187	1	*Yoke	12	510-0014	1	*Ball, Bearing
4	870-0328	1	*Nut, Self-Locking (#10-32)	13	509-0040	1	*Seal, Crankshaft Oil (Front)
5	851-0031	1	*Washer, Conical Disc Spring	14	103-0810	1	Gasket, Gearcase
6	150-2002-04	1	*Shaft, Governor	15	526-0065	5	Washer, Copper Flat (5/16")
7	150-2300	1	*Screw, Governor Adjust Guide (Special)	16	114-0022	4	Screw, Hex Head Cap 5/16-18 x 1-3/4"
8	150-1998	1	*Link, Governor Spring		800-0592	1	5/16-18 x 3-1/4"
9	509-0008	1	*Seal, Oil				

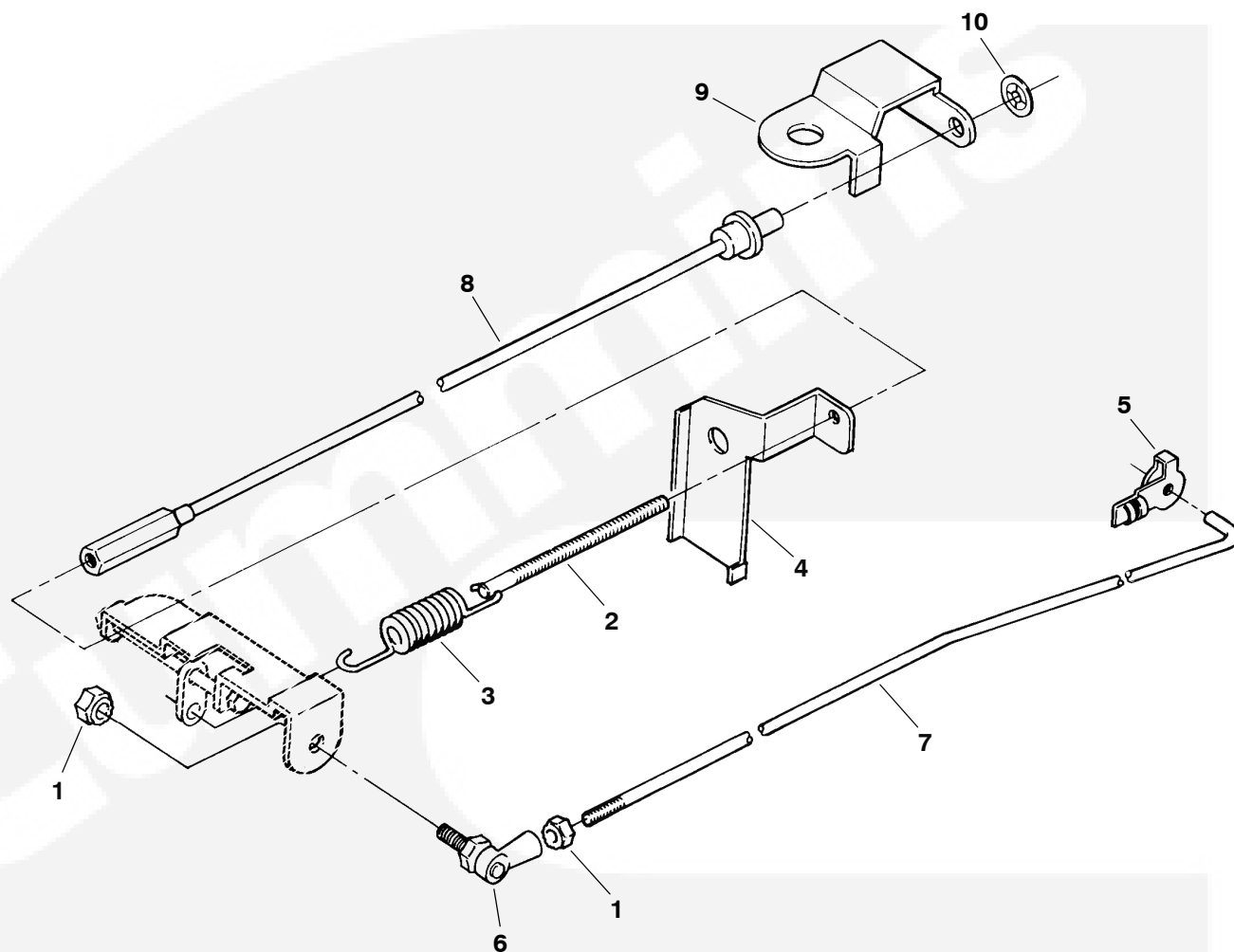
* - Parts Included in Gearcase Assy.

Begin Spec B



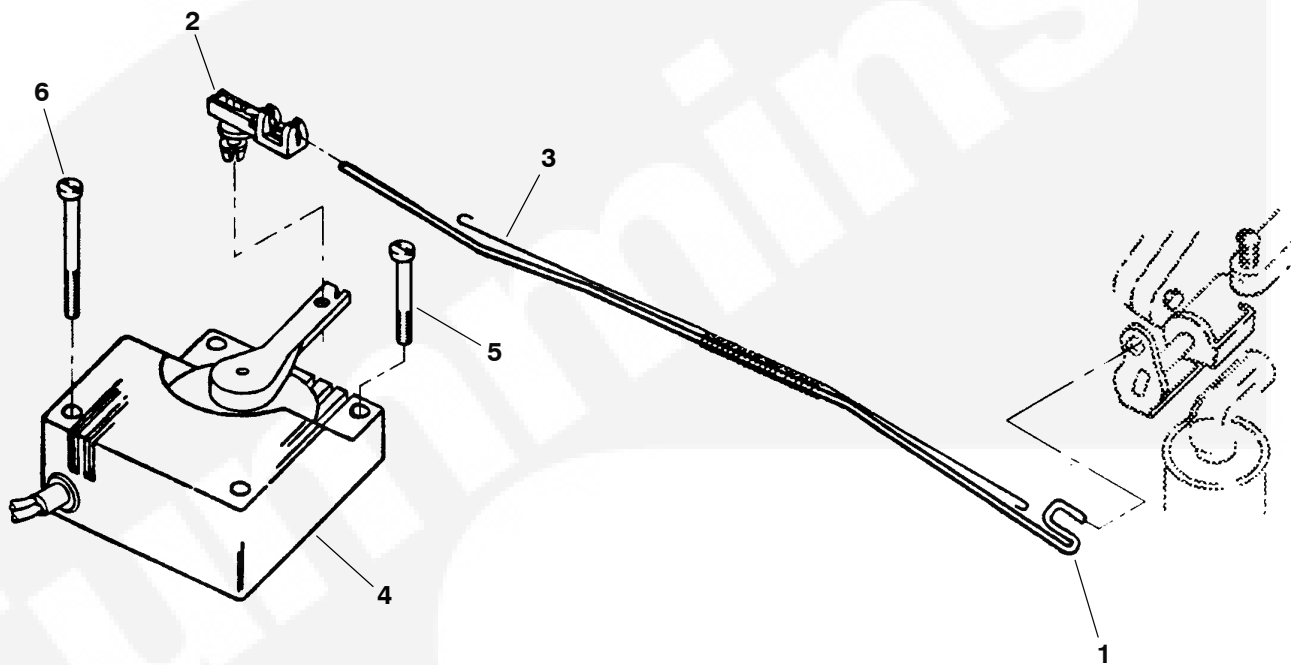
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	103-0813	1	Gearcase Assy (Includes Seal and Plugs)	6	526-0065	5	Washer, Flat
2	509-0040	1	Seal, Oil	7	516-0141	2	Pin, Alignment
3	516-0051	1	Plug, Gearcase	8	103-0810	1	Gasket, Gearcase
4	517-0293	1	Plug, Expansion	9	800-0032-01	4	Screw, Hex Head Cap (5/16-18 x 1-3/4")
5	800-0545	1	Screw, Hex Head Cap (5/16-18 x 2-3/4")				

Governor Spec A



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	867-0028	2	Nut, ET Hex (#10-32)	7			Rod, Governor Control
2	150-0096	1	Stud, Governor Adjusting	150-2455	1		Gasoline Units
3	150-1612	1	Spring, Governor	150-2494	1		LP Units
4	150-2298-01	1	Bracket, Governor	8	150-2294	1	Cable, Flexible Adjust
5	518-0006	1	Clip, Retaining	9	150-2296-01	1	Bracket, Cable Adjust
6	150-0939	1	Joint, Ball	10	518-0582	1	Retainer, Push On

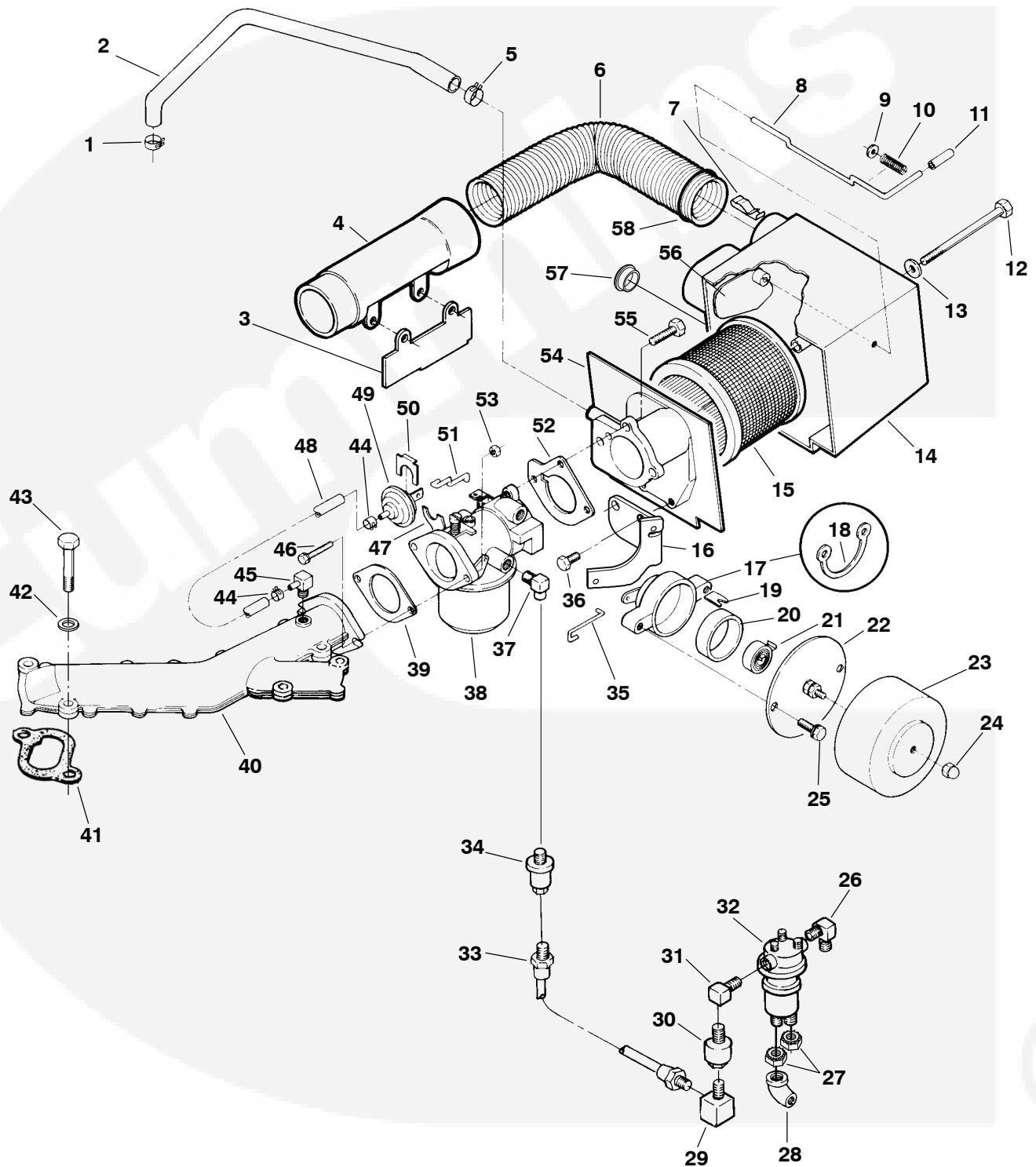
Electronic Governor
Begin Spec B



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-2424	1	Rod, Throttle Control
2	150-2425	1	Clip, Throttle Control Rod
3	150-2426	1	Spring, Throttle Rod

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	151-0701	1	Actuator, Governor (K2)
5	815-0783-01	2	Screw, Pan Head (1.625" Lg)
6	815-0783-02	2	Screw, Pan Head (2.125" Lg)

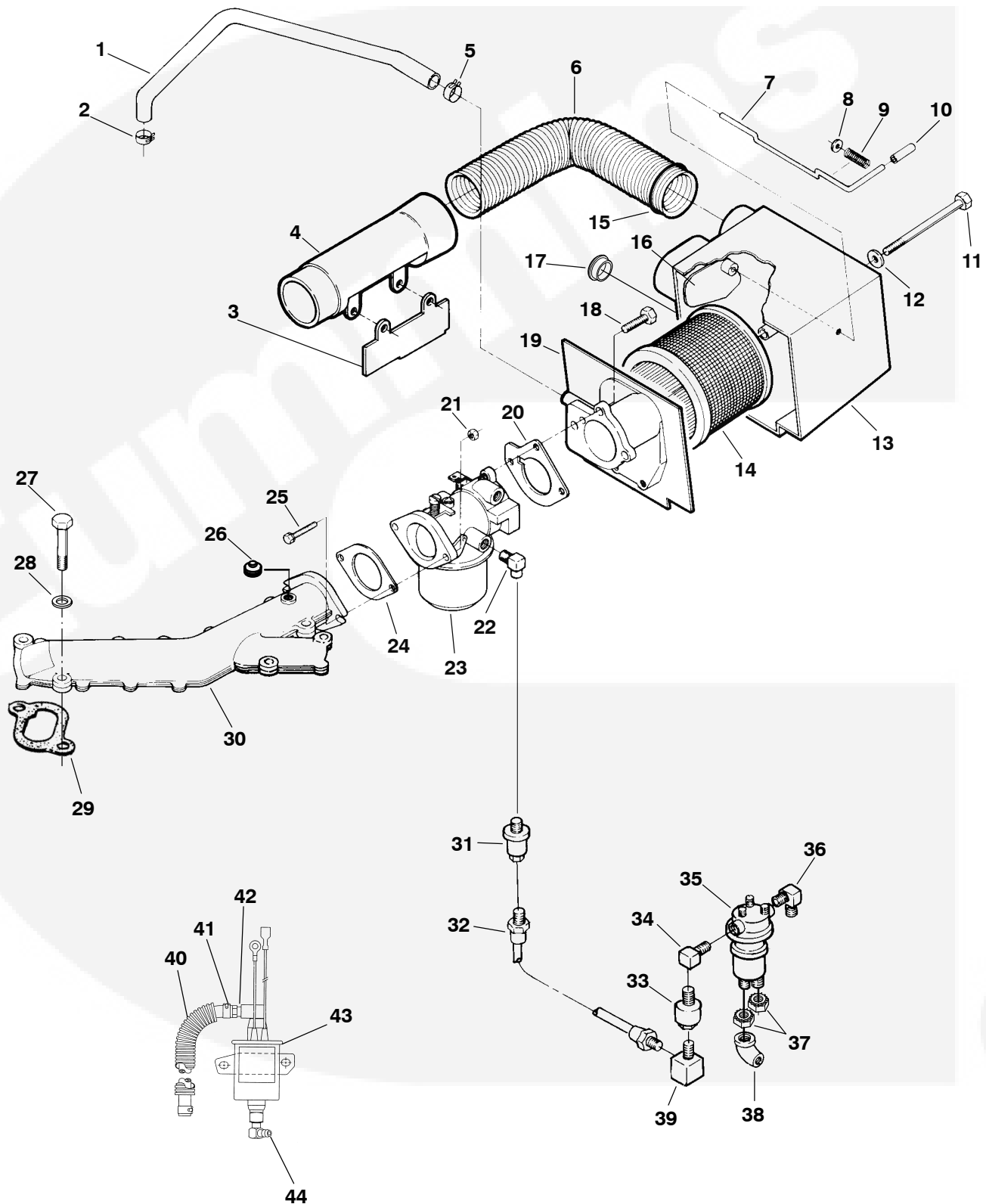
Gasoline Fuel System Spec A-C



Gasoline Fuel System Spec A-C

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-1133	1	Clamp, Hose	28	122-0345	1	Shield, Tube
2	123-1852	1	Tube, Breather	29	502-0020	1	Elbow, 90° Street (Outlet)
3			Baffle, Preheater	30			Valve, Fuel Solenoid (E4)
	140-2021-50	1	Black		307-1279	1	Spec A
	140-2021-70	1	Green		307-2756	1	Spec B,C
4			Adapter, Preheater	31	502-0054	1	Elbow, 90° Street (Outlet)
	140-2378-50	1	Black	32	149-2267	1	Pump, Fuel (E3)
	140-2378-70	1	Green	33	501-0550	1	Line, 30" Flexible Fuel
5	503-0183	1	Clamp, Hose	34	149-2279	1	Filter, Fuel
6	503-1351	1	Hose, Preheater	35	153-0558	1	Linkage, Choke
7	518-0459	1	Clip, Preheater Hose	36	815-0591	2	Screw, Hex Washer Head Cap Thread Forming (1/4-10 x 3/4")
8	145-0667	1	Rod, Air Inlet				
9	526-0002	1	Washer, Flat (#6)	37	502-1108	1	Elbow, 90° Street
10	120-0140	1	Spring, Air Inlet Rod	38			Carburetor (See Separate Page for Components)
11	517-0223	1	Cap, Vinyl				
12	800-0017	1	Screw, Cap - Hex Head (1/4-20 x 3-1/2")		146-0456	1	Spec A
13	526-0021	1	Washer, Flat (1/4")		146-0527	1	Spec B, C
14	140-1894	1	Housing, Air Cleaner	39	141-0950	1	Gasket, Carburetor Mounting
15	140-2379	1	Element, Air Cleaner	40	154-2524	1	Manifold, Intake
16	153-0557	1	Bracket, Choke Mounting	41	154-2219	2	Gasket, Intake Manifold
17	153-0556	1	Housing, Choke (Includes Choke Shaft, Insulating Washer and Retainer Ring) (H1)	42	526-0251	4	Washer, Flat (Special)
				43	800-0055	4	Screw, Hex Head Cap (3/8-16 x 2-1/4")
18	518-0387	1	Ring, Retainer	44	503-0813	2	Clamp, Hose
19	518-0466	1	Clip, Choke Housing Tube Retaining	45	502-1105	1	Fitting, 90° Elbow Vacuum
				46	815-0587	2	Screw, Hex Flange Head Cap (5/16-18 x 1")
20	153-0578	1	Tube, Choke Housing	47	153-0561	1	Bracket, Diaphragm Mounting
21	153-0554	1	Element, Choke	48	503-1252-01	1	Hose, Vacuum (3/16" ID x 6")
22	153-0555	1	Cover, Choke (Includes Hex Nuts, Washers, Heater Coil Spider and Choke Heater Element)	49	153-0614	1	Diaphragm, Pulloff
				50	518-0450	1	Clip, Diaphragm Mounting "U"
				51	153-0577	1	Linkage, Diaphragm Pulloff
23	153-0579	1	Cover, Choke Housing	52	140-2308	1	Gasket, Air Horn
24	870-0421	1	Nut, Nylon Acorn Cap (#6-32)	53	862-0015	1	Nut, Hex (5/16-18)
25	815-0592	2	Screw, Hex Washer Head Cap Thread Forming (#8-32 x 1-3/8")	54	140-2976	1	Adapter, Air Cleaner
				55	815-0590	3	Screw, Hex Head Machine (#10-32 x 7/16")
				56	145-0561	1	Cover, Air Inlet
26	502-1107	1	Elbow, 90° Barbed (Inlet)	57	517-0320	1	Plug, Button
27	870-0131	2	Nut, Hex (#10-32)	58	509-0313	1	O'Ring

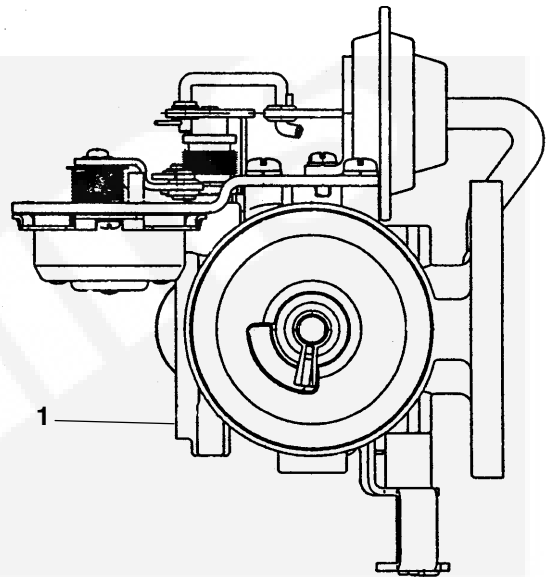
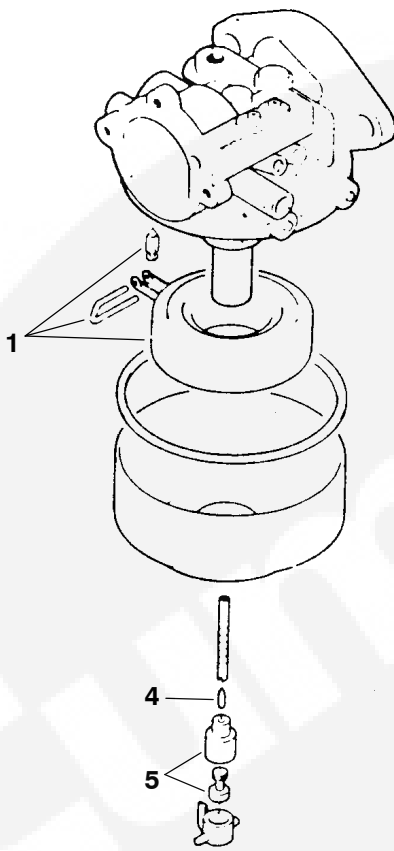
Gasoline Fuel System Begin Spec D



Gasoline Fuel System Begin Spec D

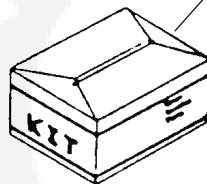
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	123-1852	1	Tube, Breather	26	502-0028	1	Plug, Hex Head Pipe
2	503-1133	1	Clamp, Hose	27	800-0055-01	4	Screw, Hex Head Cap (3/8-16 x 2-1/4")
3	140-2021-50	1	Baffle, Preheater	28	526-0251	4	Washer, Flat (Special)
4	140-2378-50	1	Adapter, Preheater	29	154-2219	2	Gasket, Intake Manifold
5	503-0183	1	Clamp, Hose	30	154-2524	1	Manifold, Intake Spec D-F (With Vacuum Hole)
6	503-1351	1	Hose, Preheater		154-3027	1	Begin Spec G (W/O Vacuum Hole)
7	145-0707	1	Rod, Air Inlet	31			Filter, Fuel Spec D-F
8	526-0002	1	Washer, Flat (#6)		149-2279	1	Begin Spec G
9	120-0140	1	Spring, Air Inlet Rod		149-2341	1	Line, 30" Flexible Fuel
10	517-0223	1	Cap, Vinyl	32	501-0550	1	Valve, Fuel Solenoid (E4)
11	800-0017	1	Screw, Hex Head Cap (1/4-20 x 3-1/2")	33	307-2788	1	Elbow, 90° Street (Outlet)
12	526-0021	1	Washer, Flat (1/4")	34	502-0054	1	Pump, Fuel (E3)
13	140-2883-01	1	Housing, Air Cleaner	35	149-2267	1	Elbow, 90° Barbed (Inlet)
14	140-2379	1	Element, Air Cleaner	36	502-1107	1	Nut, Hex (#10-32)
15	509-0313	1	O'Ring	37	870-0131	2	Shield, Tube
16	145-0561	1	Cover, Air Inlet	38	122-0345	1	Elbow, 90° Street (Outlet)
17	517-0320	1	Plug, Button	39	502-0020-01	1	Hose, Fuel (Begin Spec G)
18	815-0590	3	Screw, Hex Head Machine (#10-32 x 7/16")	40	503-2041	1	Clamp, Hose (Begin Spec G)
19	140-3093	1	Adapter, Air Cleaner	41	503-0731	2	Connector, Hose (Begin Spec G)
20	140-2308	1	Gasket, Air Horn	42	502-0395	1	Pump, Fuel (E3) (Begin Spec G)
21	862-0015	1	Nut, Hex (5/16-18)	43	149-2331-03	1	Elbow, 90° Hose (Begin Spec G)
22	502-1108	1	Elbow, 90° Street	44	502-0313	1	
23	146-0666	1	Carburetor (Includes Mounting Gaskets) (See Separate Page for Components)				
24	141-0950	1	Gasket, Carburetor Mounting				
25	815-0587	2	Screw, Hex Flange Head Cap (5/16-18 x 1")				

Carburetor Components Gasoline



Begin Spec D

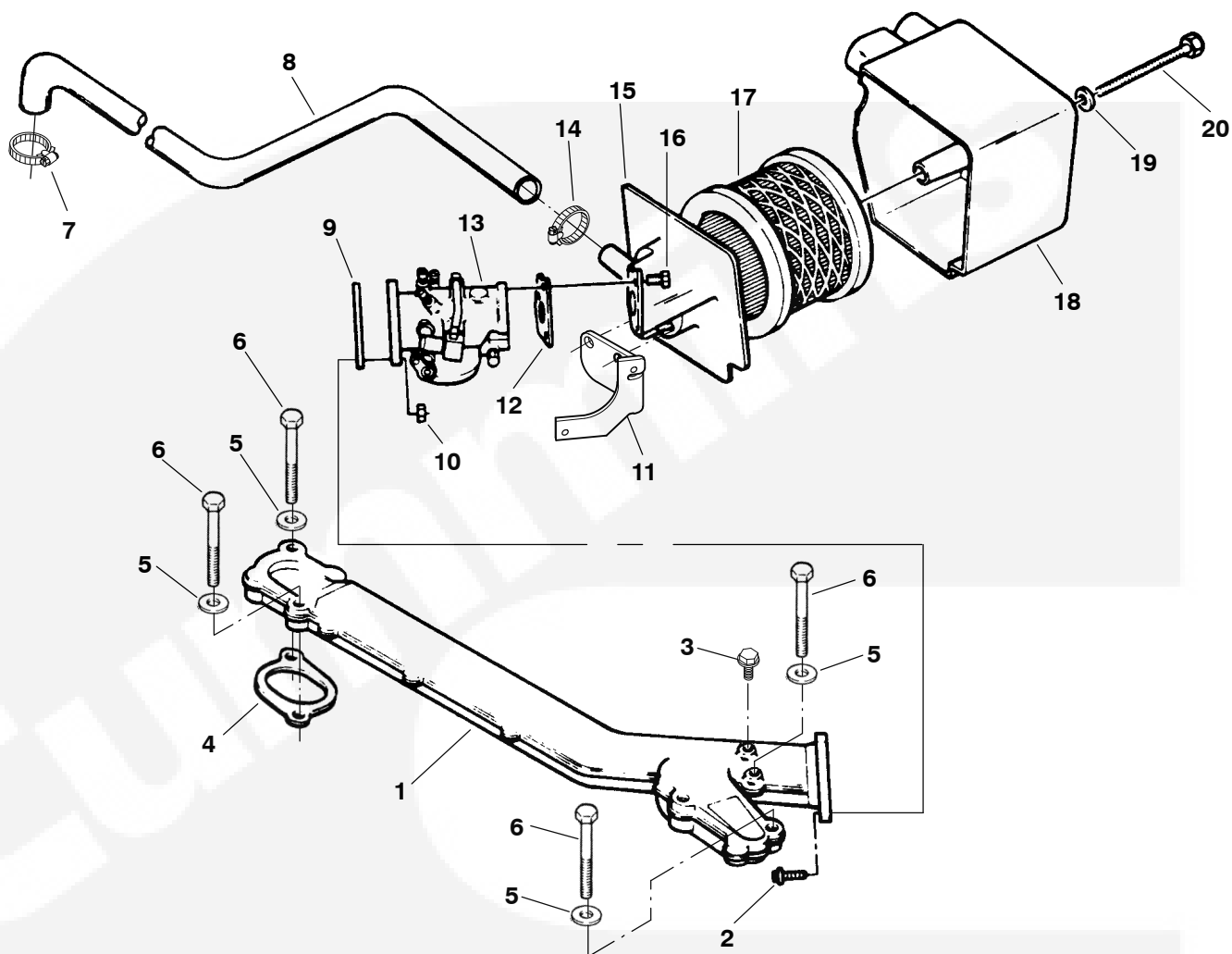
2, 3, 6, 7



Spec A-C

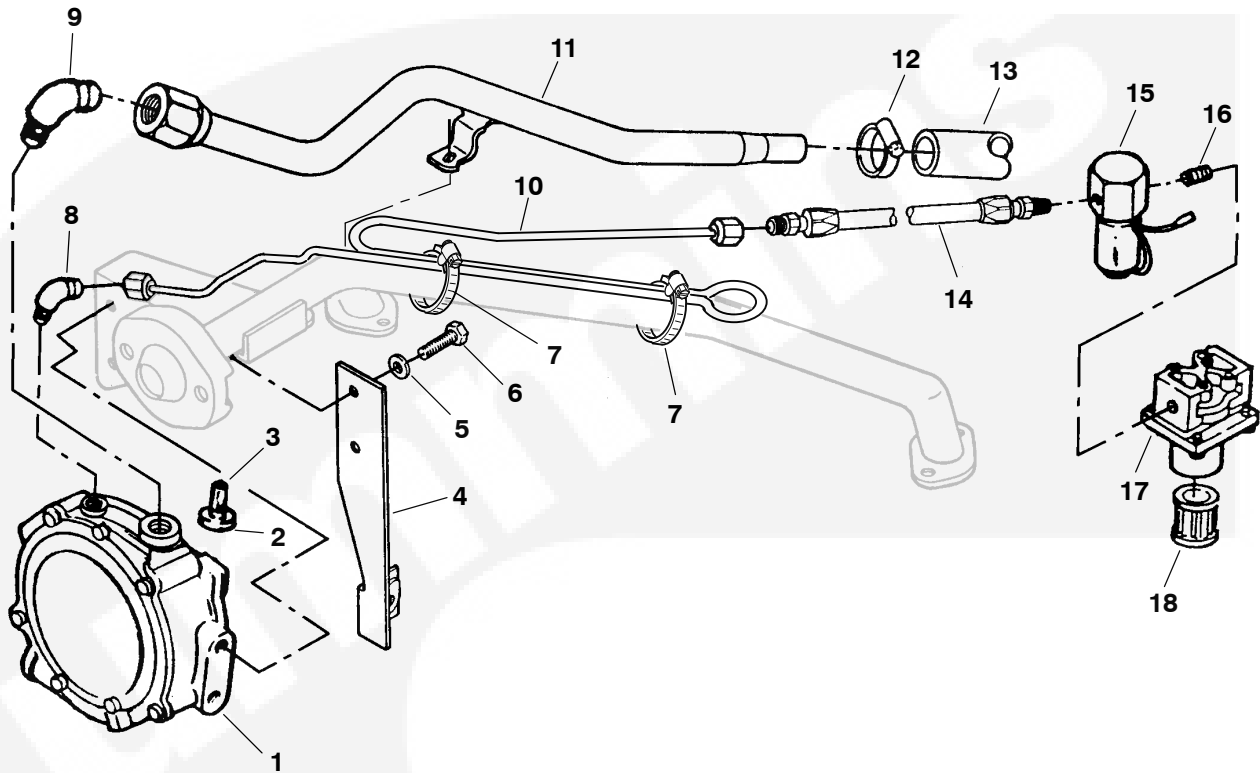
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Carburetor, Complete (Includes Mounting Gaskets)	4			Jet, Idle
	146-0456	1	Spec A		146-0451	1	Spec A
	146-0527	1	Spec B,C		146-0449	1	Spec B-C
	146-0666	1	Begin Spec D	5	146-0452	1	Jet, Power (Spec A-C)
1	146-0453	1	Kit, Float (Includes Float, Pin and Valve)	6	146-0593	1	Kit, Choke Shaft (Includes Choke Shaft Assembly, Choke Collar, Choke Arm Return Spring, Choke Valve, Valve Set Screw, Choke Lever Assy)
2	146-0457	1	Kit, Repair (Includes Gasket Package, Float Valve, Idle Adjust Needle and Spring, Mounting Gaskets, Adjust Limit Caps, Throttle Stop Screw and Spring (Spec A-C))	7	146-0589	1	Kit, Choke Breaker (Includes Choke Piston Rod, Link Washer, Snap Pin, Choke Opener Assy)
3	146-0588	1	Kit, Choke Bimetal (Includes Compl. Bimetal Holder, Thermostat Cover Assembly, Bimetal Set Plate, Bimetal Case Set Screw)				

LP Fuel System



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-2524	1	Manifold, Intake Spec A-E	13	146-0597	1	Carburetor Spec A-E
	154-3027	1	Begin Spec F		146-0749	1	Begin Spec F (Includes Mounting Gaskets)
2	815-0587	2	Screw, Hex Washer Head (Special)	14	503-1133	1	Clamp, Breather Tube Hose (.900" Diameter)
3	505-0274	1	Plug, Hex Pipe (1/8")	15	140-1889	1	Adapter, Air Cleaner Spec A-C
4	154-2219	2	Gasket, Intake Manifold		140-2882	1	Begin Spec D
5	526-0251	4	Washer, Flat (3/8" Screw)	16	815-0590	3	Screw, Hex Head Cap (Special)
6	800-0055	4	Screw, Hex Head Cap (3/8-16 x 2-1/4")	17	140-2379	1	Element, Air Cleaner
7	503-0183	2	Clamp, Hose (9/16 to 1-1/16")	18	140-1894	1	Housing, Air Cleaner Spec A-C
8	123-1852	1	Tube, Breather		140-2883-01	1	Begin Spec D
9	141-0950	1	Gasket, Carburetor Mounting Spec A-E	19	526-0021	1	Washer, Flat (1/4")
	141-0958	1	Begin Spec F	20	800-0017	1	Screw, Hex Head Cap (1/4-20 x 3-1/2")
10	862-0015	2	Nut, Hex (5/16-18)				
11	153-0557	1	Bracket, Housing Mounting				
12	140-2308	1	Gasket, Air Horn				

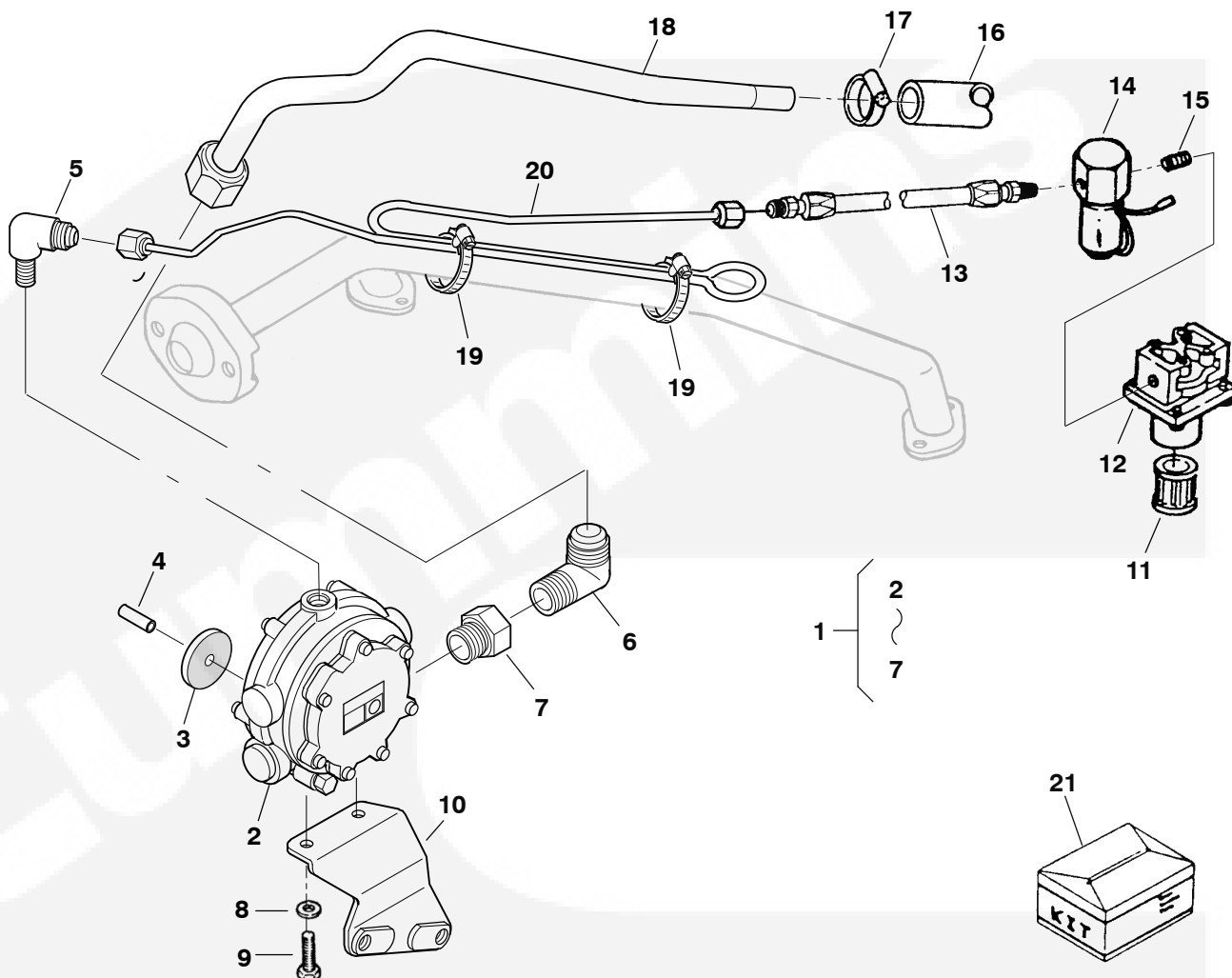
Regulator LP Spec A-E



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0964	1	Regulator, LP
2	148-0950	1	Gasket, Foam (Spec C-E)
3	502-0311	1	Nipple, Half (1/8 x 1") (Spec C-E)
4	148-0930	1	Support, Regulator
5	526-0158	2	Washer, Regulator Flat
6	800-0006	2	Screw, Hex Head Cap Regulator Support (1/4-20 x 7/8")
7	503-0189	2	Clamp, Hose (Spec C-E)
8	502-0923-02	1	Elbow, 90° Reducing Regulator (7/16 to 3/8")
9	502-1135	1	Elbow, 90° Reducing (7/8-14 x 1/2")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
10	149-2386	1	Line, Supply (Spec C-E)
11	149-2314	1	Line Assy, Carburetor Spec B
	149-2306	1	Spec C-E
12	503-0183	1	Clamp, Hose
13	503-0726	1	Hose, Fuel
14	501-0525	1	Line Assy, LPG
15	307-2501	1	Valve, Fuel Shutoff (Bottom Outlet, Exhaust Manifold)
16	502-0929-01	1	Nipple, Close (Bottom Outlet, Exhaust Manifold)
17	148-0890	1	Filter, Fuel (Includes Element and O-Rings)
18	148-0898	1	Element, Fuel Filter

Regulator LP Begin Spec F

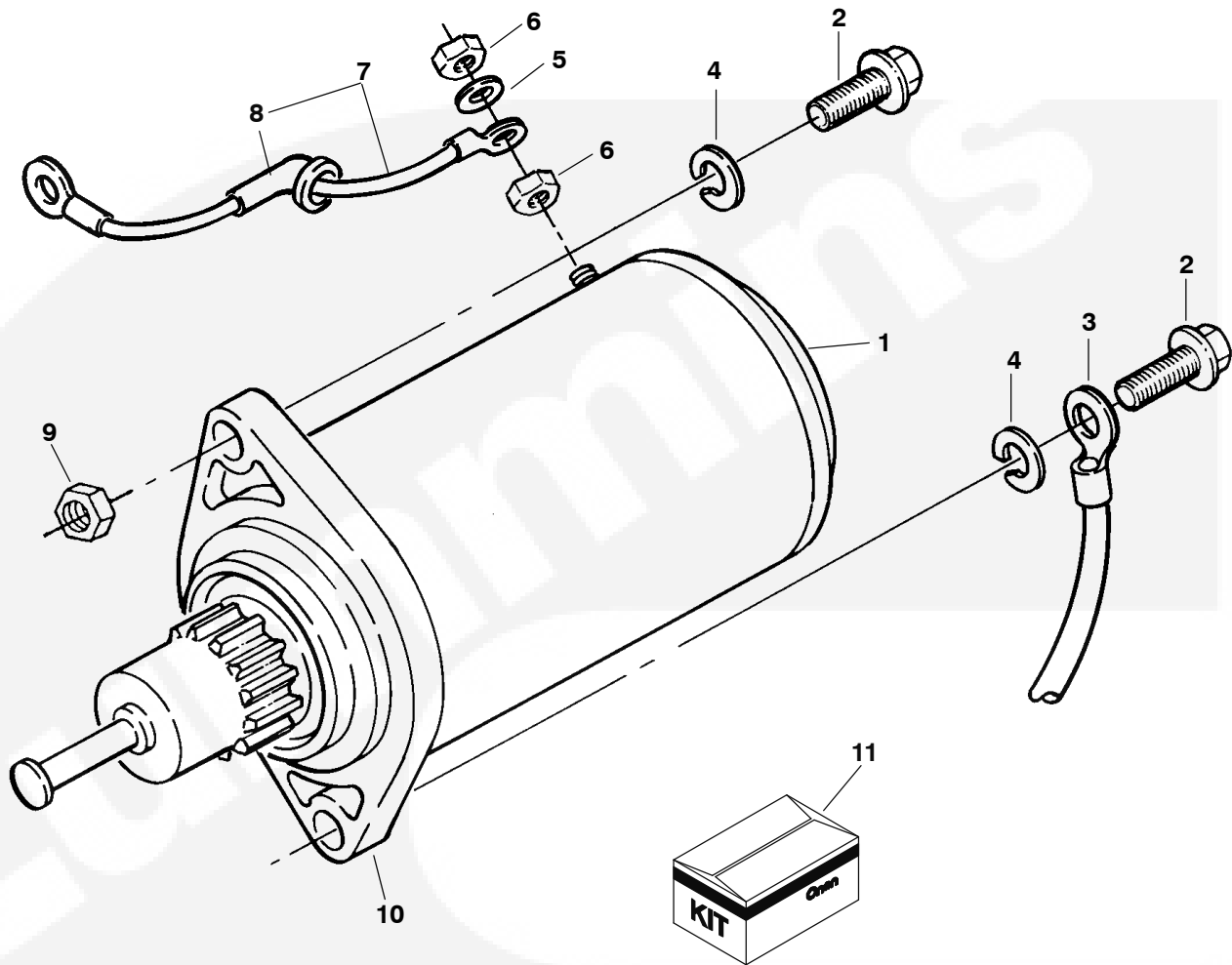


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Regulator Assy (Includes Parts Marked *)
	148-1046	1	Spec F
	148-1081	1	Begin Spec G
2	148-1080	1	*Regulator
3			*Gasket, Foam
	148-0950	1	Spec F
	148-1097	1	Begin Spec G
4	502-0311	1	*Nipple, Half (1/8 x 1")
5	502-0838	1	*Elbow, 90° Reducing
6	502-1135	1	*Elbow, 90° Reducing
7	502-1280	1	*Adapter, Pipe
8	526-0018	2	Washer, Flat (1/4")
9	800-0005	2	Screw, Hex Head Cap (1/4-20 x 3/4")
10			Support, Regulator
	148-1048	1	Spec F
	148-1064	1	Begin Spec G
11	148-0898	1	Element, Fuel Filter

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
12	148-0890	1	Filter, Fuel (Includes Element and O'Rings)
13	501-0525	1	Line, Fuel
14	307-2501	1	Valve, Fuel Shutoff
15	502-0929-01	1	Nipple, Close
16	503-0726	1	Hose, Fuel
17	503-0183	1	Clamp, Hose
18	148-1050	1	Line, Carburetor
19	503-0189	2	Clamp, Hose
20	148-1049	1	Line, Regulator Supply
21	541-0534	1	Kit, LP Conversion (Includes Regulator Assy, Fuel Lines, Regulator Support, LH Cylinder Cover, Hose Clamp, Mounting Hardware.)

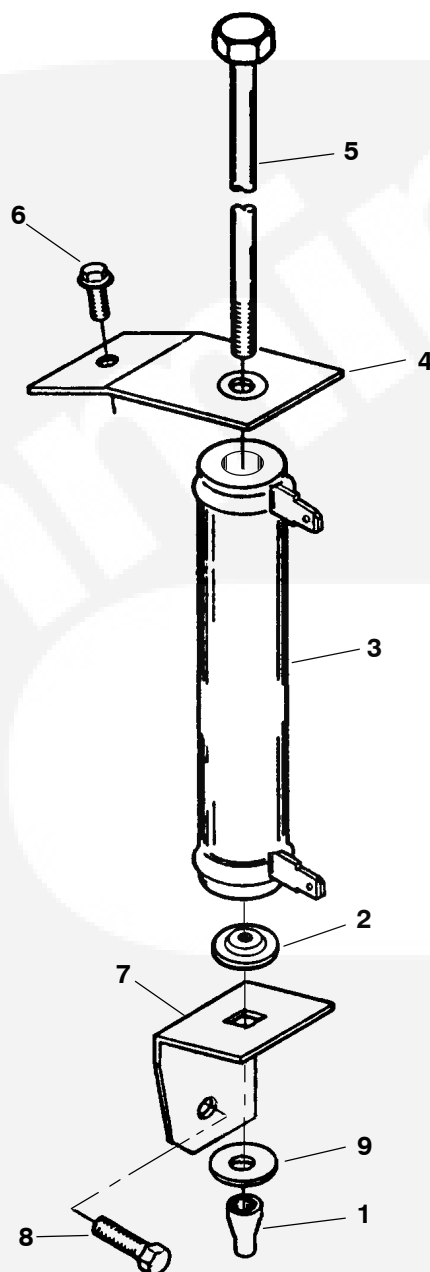
* - Parts Included in Regulator Assy.

Starter



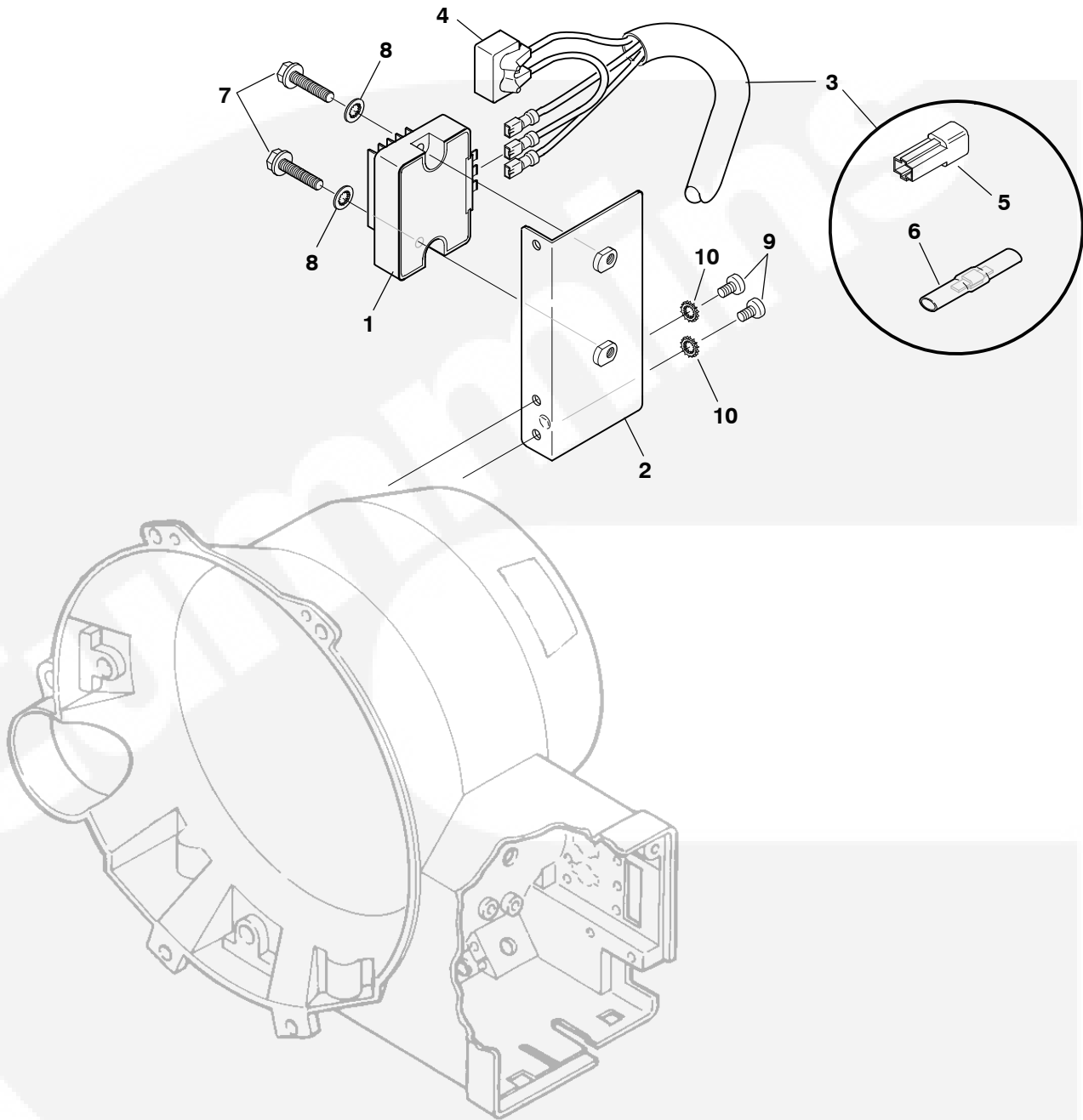
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-2158	1	Starter (See Separate Page for Components) (B1)	7	226-3457-01	1	Lead, Starter (Includes Shield)
2	800-0052	2	Screw, Cap (Hex Head) (3/8-16 x 1-1/2")	8	122-0345	1	Shield
3	337-2435	1	Cable, Starter (Spec A)	9	862-0003	2	Nut, Hex Spring (3/8-16)
4	850-0050	2	Washer, Lock (3/8")	10	191-2186	1	Cap, Drive
5	850-0040	1	Washer, Spring Lock (1/4")	11	191-2187	1	Kit, Drive (Includes Drive Clutch, Pinion Gear, Roll Pin, Cover, Spring, Retainers and Washer)
6	862-0001	2	Nut, Hex (1/4-20)				

Resistor Spec B-F



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-0196	1	Nut, Insulation (#8)	7	304-0772	1	Bracket, Resistor Mounting
2	304-0015	1	Washer, Centering	8	815-0261	1	Screw, Hex Washer Head Thread Cutting (1/4-20 x 1/2")
3	304-0818	1	Resistor, Fixed (1.4 Ohms 50 Watts)	9	508-0321	1	Washer, Flat (.184 Screw)
4	304-0773	1	Bracket, Resistor Mounting				
5	815-0583	1	Screw, Hex Head Cap (Special)				
6	815-0770	1	Screw, Hex Washer Head Self-Lock, Thread Form (#10-32 x 1/2")				

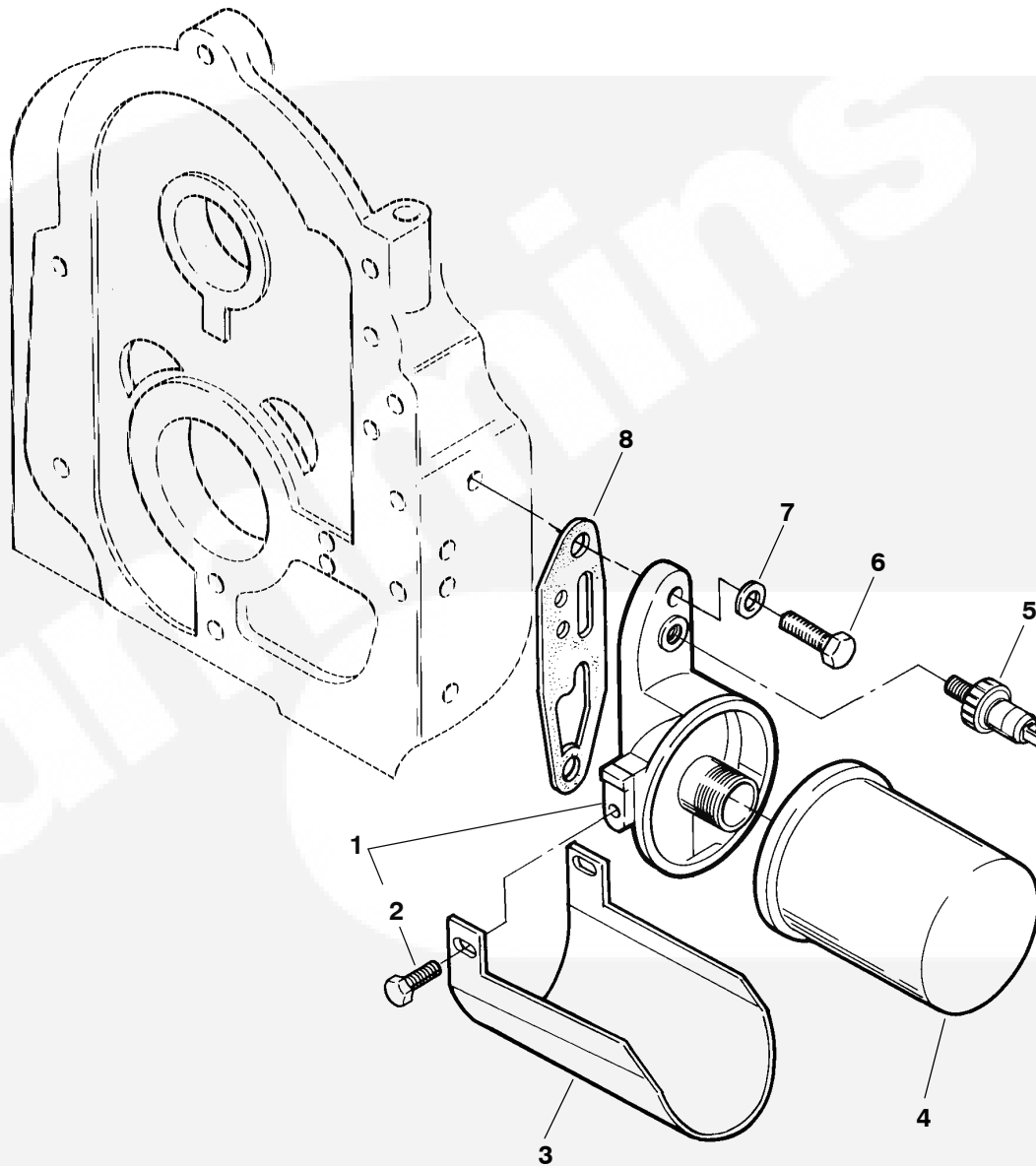
Battery Charger



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	305-0784	1	Charger, Battery	7	821-0012	2	Screw, lock Head Flange (1/4-20 x 1-1/8")
2	319-0310-02	1	Bracket, Voltage Regulator Mounting	8	854-0014	2	Washer, IT Lock (1/4")
3	338-3084	1	Harness, Battery Charger (Includes Parts Marked *)	9	815-0691-01	2	Screw, Pan (#10-32 x 3/8")
4	320-1860	1	*Breaker, Circuit	10	856-0003	2	Washer, EIT Lock (#10)
5	323-1298	2	*Connector, Tab				
6	332-0556	2	*Connector				

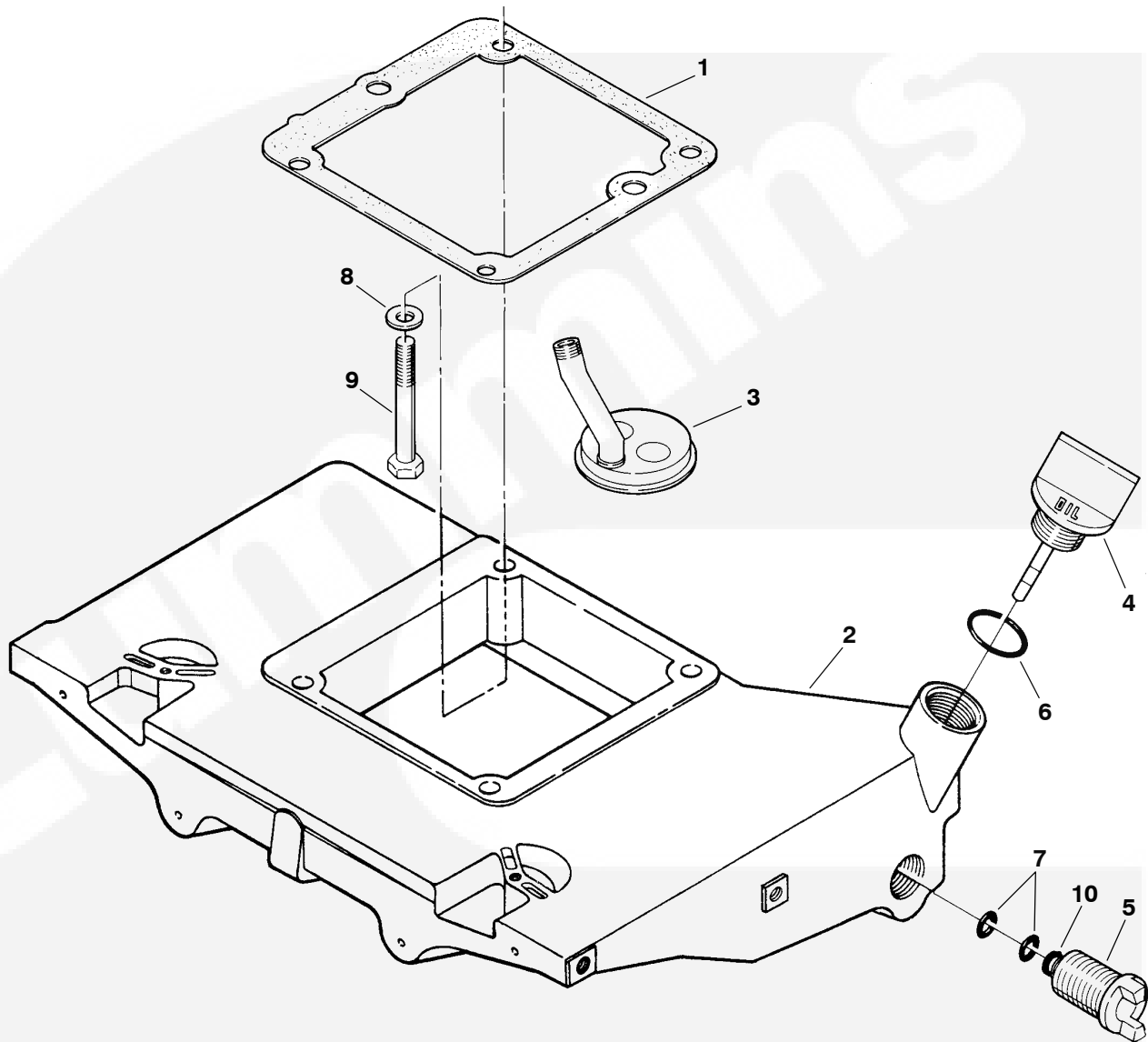
* - Parts Included in Battery Charger Harness.

Oil Filter



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	122-0814	1	Adapter, Oil Filter (Includes Screws)	5			Switch, Low Oil Pressure (S2)
2	815-0340	2	Screw, Hex Washer Head Cap Thread Forming (#10-32 x 3/8")	309-0322	1		Spec A
				309-0615	1		Begin Spec B
				6	800-0028-01	2	Screw, Hex Head Cap (5/16-18 x 1")
3	122-0360-53	1	Drain, Oil Filter	7	526-0065	2	Washer, Copper Flat (5/16")
4	122-0800	1	Filter, Oil	8	122-0771	1	Gasket, Oil Filter Adapter

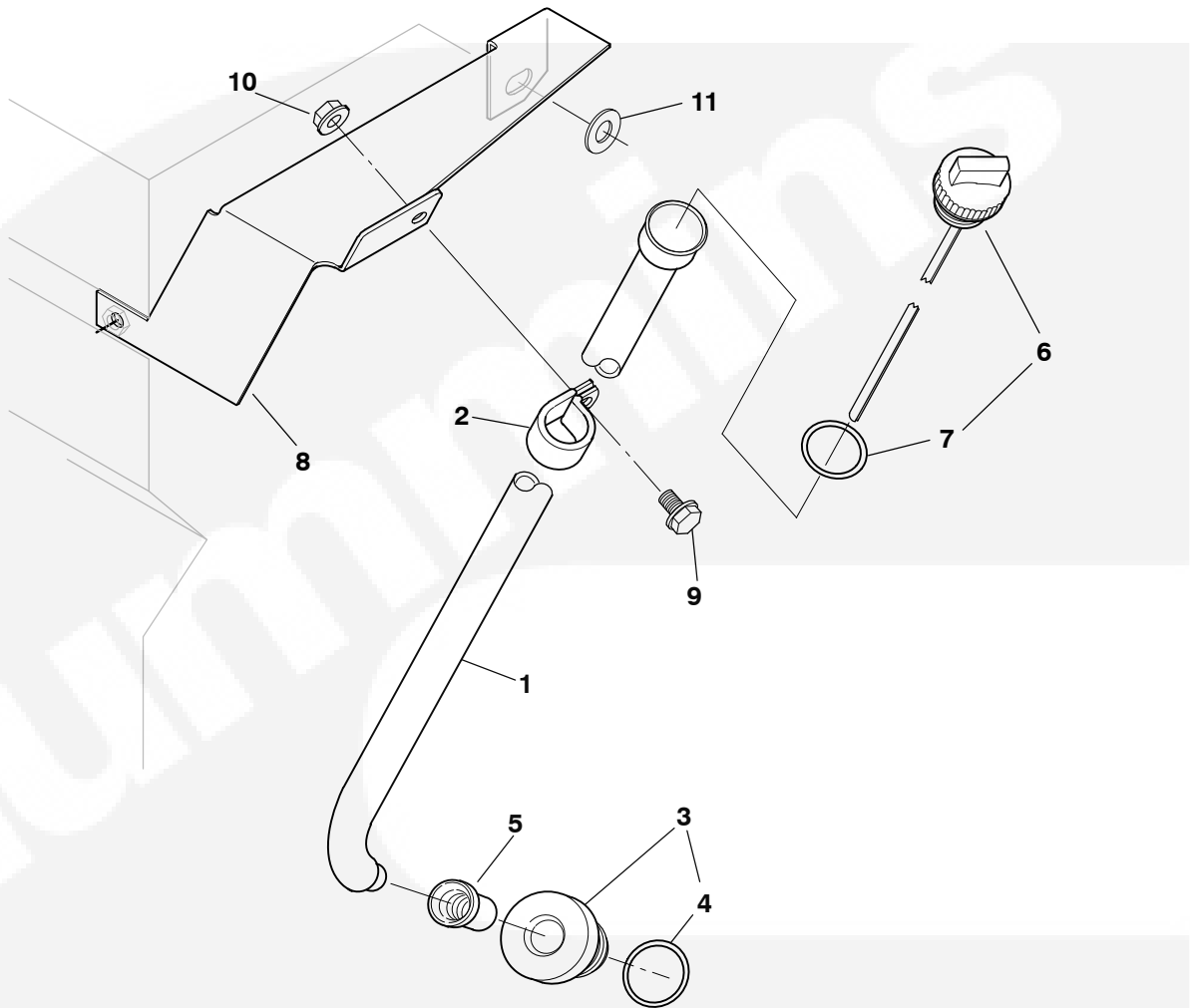
Oil Base



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	102-1387	1	Gasket, Oil Base
2	102-1359	1	Base, Oil Spec A-F
	102-1457-01	1	Begin Spec G
3	123-1616	1	Cup, Oil Pickup
4	123-2092	1	Cap, Oil Fill
5			Valve, Drain/Shutoff
	504-0164	1	Spec A-F
	504-0150	1	Begin Spec G

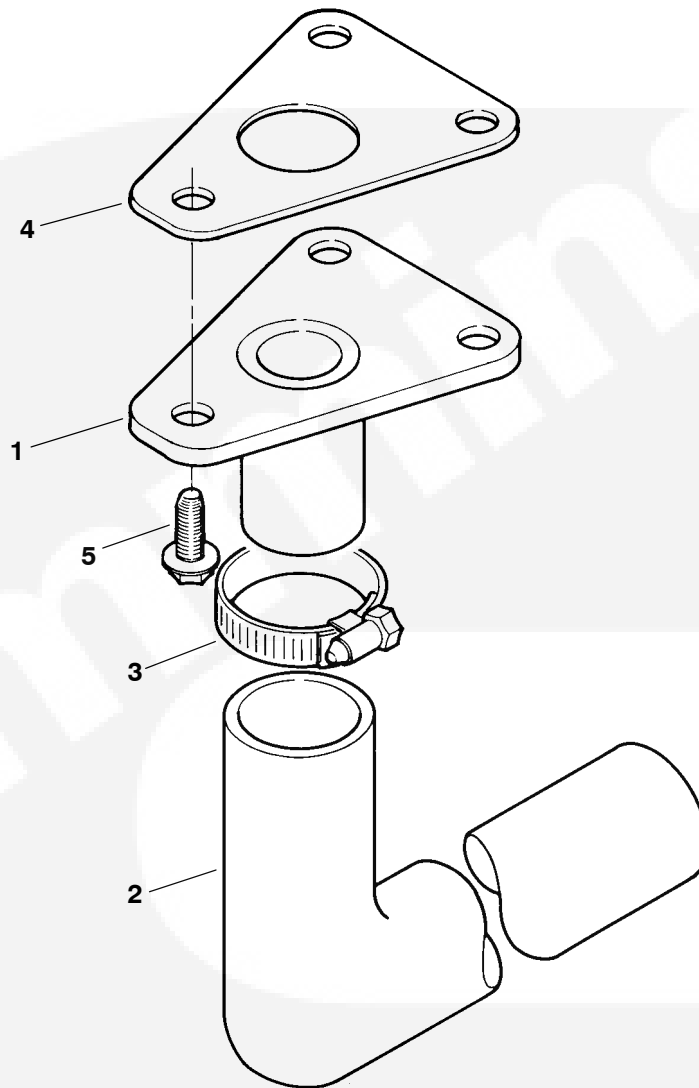
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	509-0246	1	O'Ring (1-1/4" ID)
7	509-0247	2	O'Ring (3/8") (Spec A-F)
8	526-0251	4	Washer, Flat (3/8")
9			Screw, Hex Head Cap Spec A-F (3/8-16 x 3")
	800-0058	4	Begin Spec G (3/8-16 x 1-1/2")
	800-0052-01	4	
10	509-0291	1	O'Ring (1/2") (Spec A-F)

Extended Oil Fill Tube



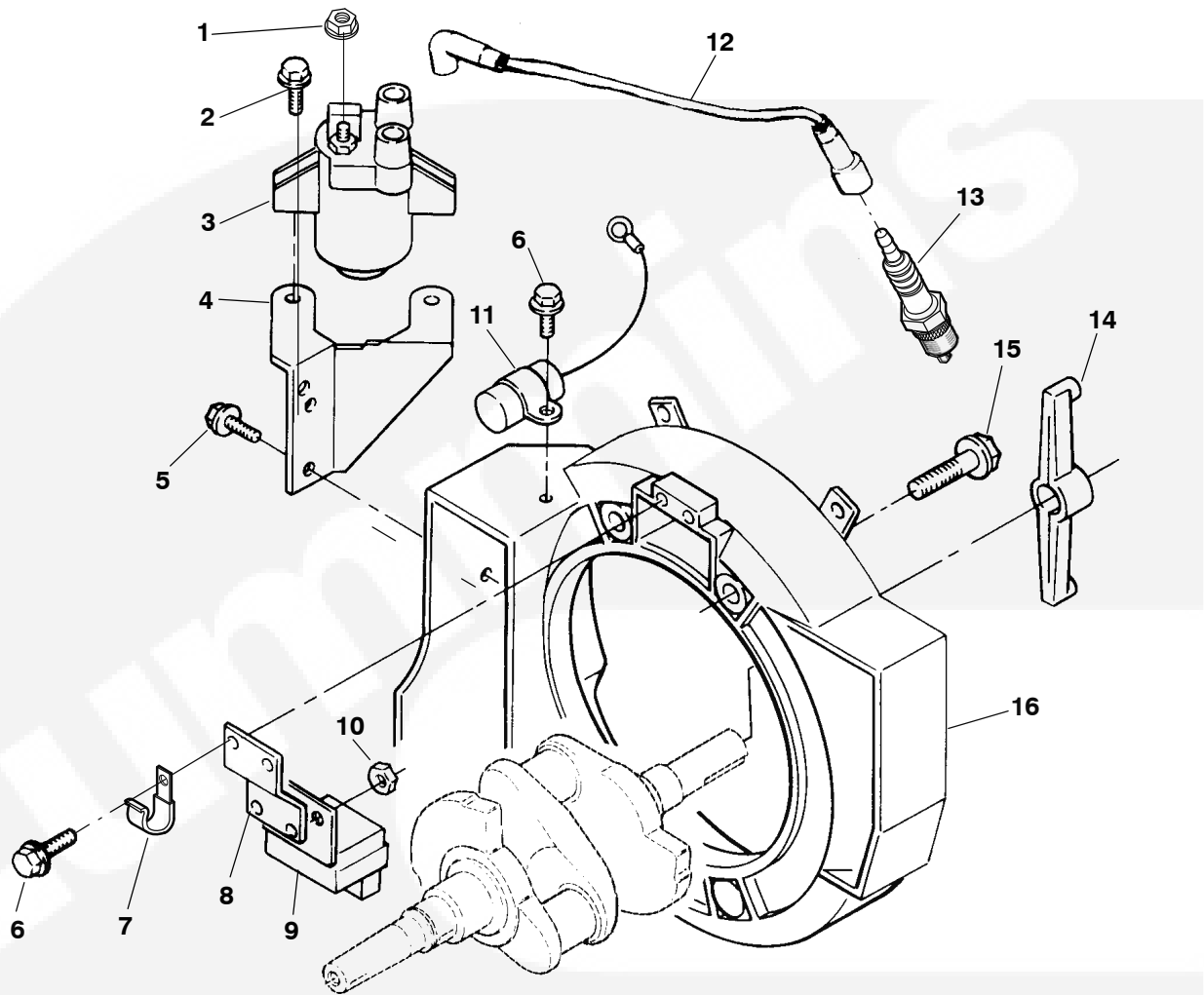
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	123-2041-50	1	Tube, Oil Fill	6	123-2042	1	Indicator Assy (Includes O'Ring)
2	332-3213	1	Clamp, Coated	7	509-0142	1	O'Ring, Indicator
3	123-2039	1	Adapter Assy (Includes Adapter and O'Ring)	8	155-2943-02	1	Bracket, Tube Support
4	509-0246	1	O'Ring, Adapter	9	821-0010	1	Screw (1/4-20 x 1/2")
5	509-0269	1	Seal, Oil Fill Tube	10	870-0212	1	Nut (1/4 x 20)
				11	526-0029	1	Washer, Flat (3/8")

Oil Drain Extension



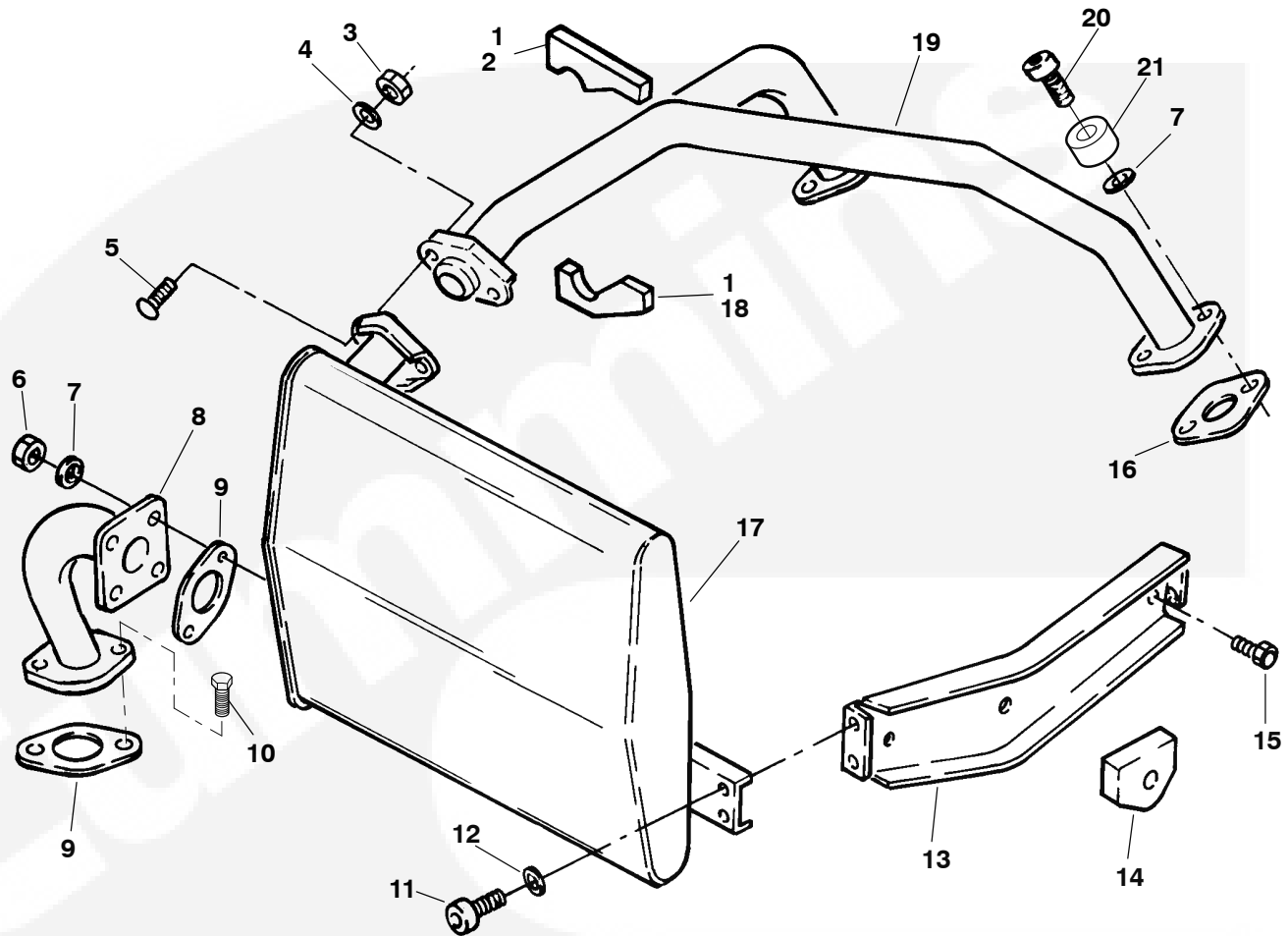
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	102-1394	1	Adapter, Oil Drain	5	815-0261	3	Screw, Hex Washer Head Cap Thread Forming (1/4-20 x 1/2")
2	503-1195	1	Hose, Oil Drain (3/4" ID x 24")				
3	503-0183	1	Clamp, Hose				
4	102-1391	1	Gasket, Oil Drain Adapter				

Generator Adapter



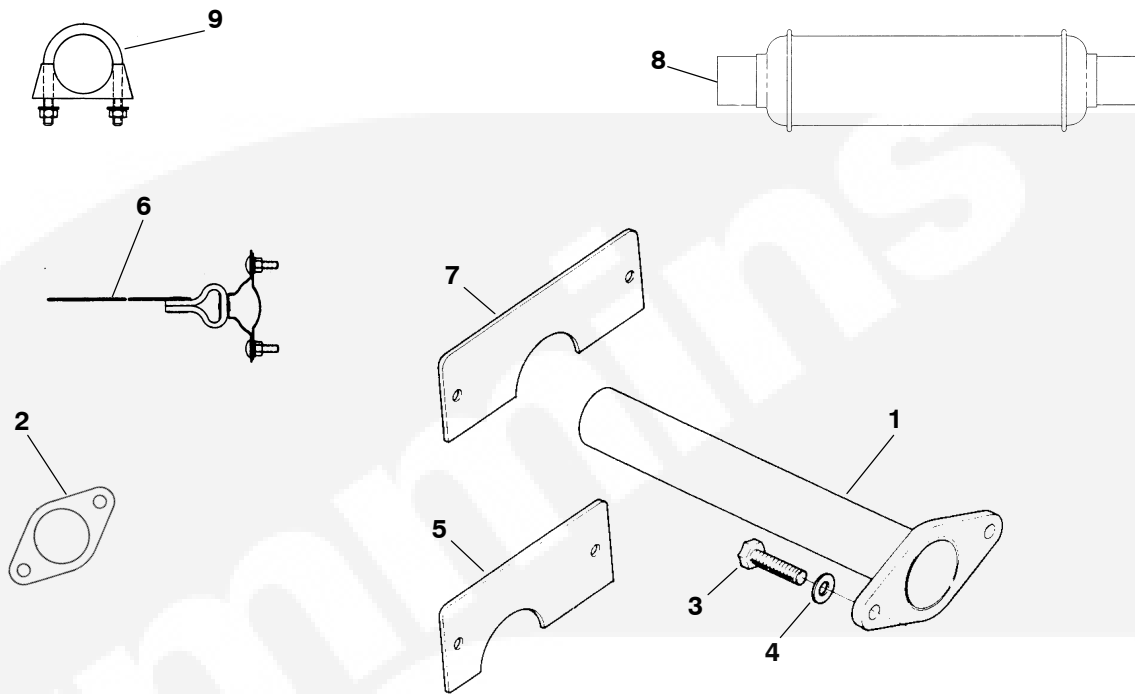
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	166-0770	1	Nut, Hex Flange				Washer Head Thread
	166-0771	1	M4 - Positive Terminal				Forming (#10-32 x 1/2")
2	815-0650	2	Screw, Self-Locking Hex	7	332-3198	1	Clamp, Hose
			Washer Head Thread	8	166-0794	1	Bracket, Ignition Control
			Forming (1/4-20 x 1")	9	166-0821	1	Control, Ignition (S3)
3			Coil, Ignition (T1)	10	870-0328	2	Nut, Self-Locking (#10-32)
	166-0761	1	Spec A,B - Spec C	11	312-0256	1	Capacitor (C4)
			S/N G923938483 & Below	12			Cable, Spark Plug
	166-0820	1	Begin Spec C,		167-1615-01	1	9"
			S/N G923938484 & Above		167-1602	1	23"
4			Bracket, Ignition Coil	13	167-0272	2	Plug, Spark (E1, E2)
	166-0789-01	1	Spec A,B - Spec C	14	166-0842	1	Rotor, Ignition
			S/N G923938483 & Below	15	800-0575-01	4	Screw, Hex Flange Head Cap
	166-0747	1	Begin Spec C				(3/8-16 x 1-1/8")
			S/N G923938484 & Above	16	231-0359	1	Adapter, Generator
5	815-0290	2	Screw, Self-Locking Hex				
			Washer Head Thread				
			Forming (1/4-20 x 5/8")				
6	815-0770	3	Screw, Self-Locking Hex				

Exhaust System (Side or Bottom)



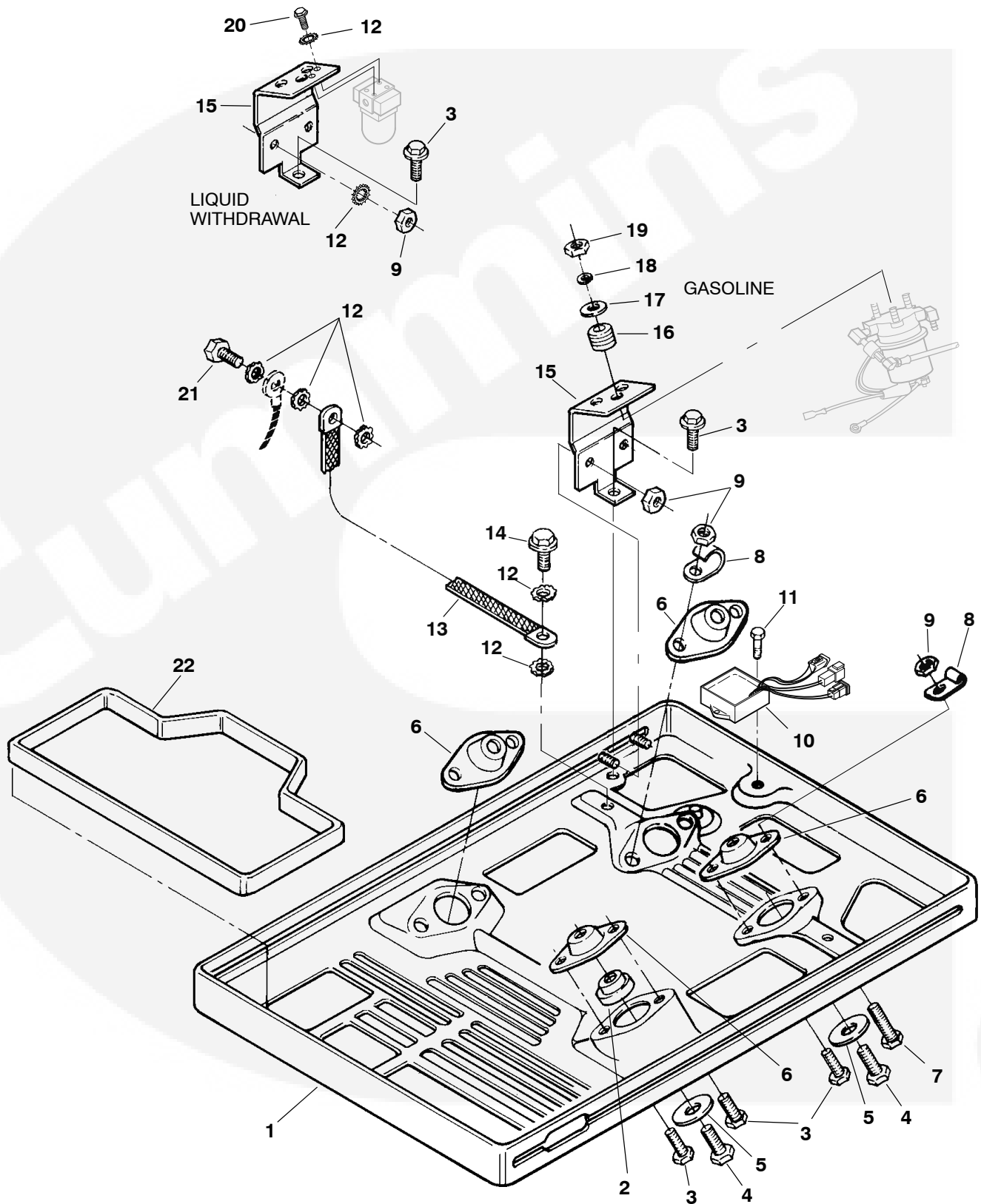
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-4770	2	Insulation, Exhaust Tube Spec A	15			Screw, Self-Locking Hex Flange Head
2			Insulation, Exhaust Manifold	821-0029	4		Spec A-F (3/8-16 x 3/4")
	134-4928-01	1	Begin Spec B - LP Liquid	815-0890-01	4		Begin Spec G
	134-4928-02	1	Begin Spec B - Gasoline	16	154-2747	2	Gasket, Exhaust Manifold
3	870-0048	2	Nut, Self-Locking (5/16-18)	17	155-2477	1	Muffler
4	526-0122	3	Washer, Flat (Special)	18			Insulation, Exhaust Manifold
5	816-0140	2	Bolt, Carriage (5/16-18 x 1-1/4")		134-4932-01	1	Begin Spec B - LP Liquid
6	862-0014	2	Nut, Hex (5/16-18) Stainless Steel		134-4932-02	1	Begin Spec B - Gasoline
7	740-1006	6	Washer, Flat (M8)	19			Manifold, Exhaust Gasoline Units
8	155-2428	1	Tube, Exhaust		154-2869-01	1	LP Units
9	154-2765	2	Gasket, Muffler (LP Use 1)		154-2822	1	Spec B (Includes Fuel Line)
10	800-0730	2	Screw, Hex Head Cap (5/16-18 x 1")		154-2869	1	Spec C-E (W/Regulator Bracket)
11	815-0261	4	Screw, Hex Washer Head Cap Thread Forming (1/4-20 x 1/2")		154-2869-01	1	Begin Spec F (W/O Regulator Bracket)
12	526-0018	4	Washer, Flat (1/4")	20			Screw, Socket Head
13	155-2558	2	Support, Muffler	802-0055	4		Gasoline Units (5/16-18 x 1")
14	155-2415	2	Seal, Muffler Support	802-0057	4		LP Units (5/16 x 18 x 1.5")
				21	154-2870	1	Spacer, Washer

Exhaust Options



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2610	1	Tube, Exhaust 3"	7	155-2401-02	2	Cover, Tailpipe Access
	155-2424	1	7"	8	155-2449	1	Resonator, Exhaust
2	154-0945	1	Flange, Exhaust Manifold (1/4"Thk) (Steel Plate)	9			Clamp, Exhaust
3	800-0730	2	Screw, Hex Head Cap (5/16-18 x 1")		155-1255	-	1"
4	526-0115	2	Washer, Flat (5/16")		155-1256	-	1-1/8"
5	155-2402	2	Cover, Tailpipe Access		155-1257	-	1-1/4"
6	155-2174	-	Hanger, Exhaust (1-1/2")		155-1015	-	1-3/8"
					155-1239	-	1-1/2"
					155-1135	-	1-5/8"

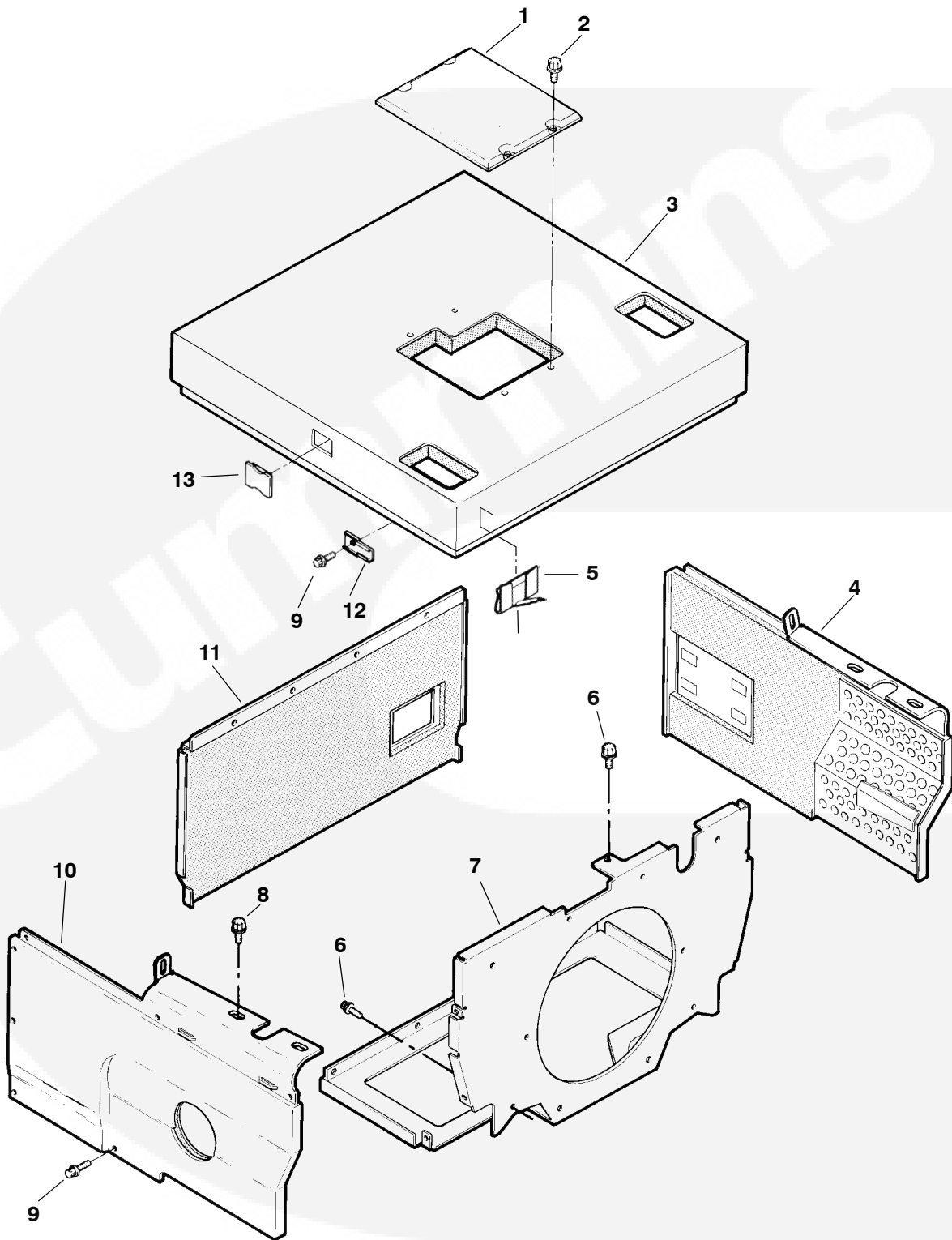
Drip Pan



Drip Pan

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	403-2893-02	1	Pan, Drip	14			Screw
2	402-0629	1	Bushing, Isolator	821-0016	1		Self-Locking, Hex Flange Head (5/16-18 x 3/4")
3			Screw, Self-Locking Hex Flange Head (1/4-20 x 1/2")	815-0236	1		Hex Head, Thread Cutting
	821-0010	7	Spec A-F	15			Bracket, Fuel Pump Gasoline Units
	821-0010	9	Begin Spec G	149-2321-02	1		Spec A-F
4	815-0657	4	Screw, Hex Head Cap Thread Forming (3/8-16 x 2-3/4")	149-2569-02	1		Begin Spec G
				149-2321-02	1		LP Units
5	526-0325	4	Washer, Flat (13/32" ID x 2-29/64" OD x 1/8" Thk)	16	508-0307	3	Grommet, Fuel Pump (Spec A-F) (Gasoline Units Only)
6	402-0624	4	Isolator, Vibration	17	526-0012	3	Washer, Flat (#10) (Spec A-F) (Gasoline Units Only)
7	821-0015	2	Screw, Hex Self-Locking Flange Head (1/4-20 x 3/4") (Gasoline Units Only)	18	850-0030	3	Washer, Locking-Self (#10)
				19	870-0131	3	Nut, ET Hex (#10-32) (Spec A-F) (Gasoline Only)
8	518-0515	2	Clip, Fuel Line Retainer (Gasoline Units Only)	20	815-0261	2	Screw, Thread Form (1/4-20 x 1/2") LP Begin Spec B
9	870-0212	4	Nut, Self-Locking Hex (1/4-20)	21	815-0610	1	Screw, Hex Head Cap Thread Forming (1/4-20 x 1")
10	151-0752	1	Controller, Governor (A4) Begin Spec B	22	134-4745	1	Seal, Air Outlet
11	815-0783-03	1	Screw, Pan Head Torx (10-32 x 1/2") Begin Spec B	23			Washer, Flat (Special) (Gasoline Units Only)
12			Washer, EIT Lock (5/16")		526-0345	3	Spec A
	856-0006	4	Gasoline Units (1/4")		526-0115	3	Begin Spec B (5/16")
	856-0008	8	LP Units (5/16")				
13	337-2434	1	Strap, Ground				

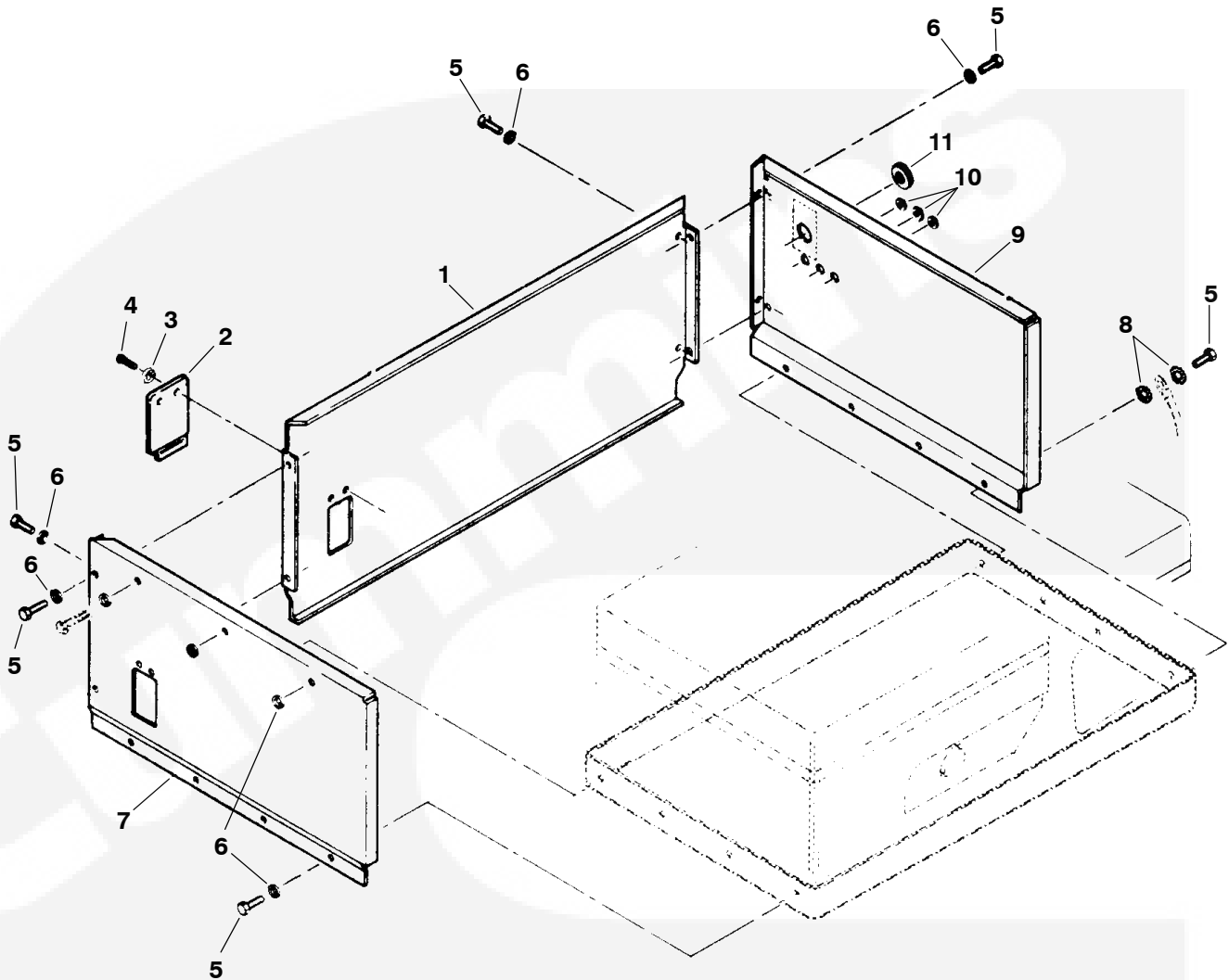
Air Housing



Air Housing

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-4753-02	1	Cover, Governor Access	5	518-0618	1	Clip, Spark Plug Wire
2	815-0889	4	Screw, Torx Drive	6	815-0261	5	Screw, Hex Washer Head Cap
3			Cover, Top (Includes Indented Parts Listed Below)				Thread Forming (1/4-20 x 1/2")
	134-5160-01	1	Use W/Electronic Governor	7			Backplate
	134-5160-02	1	Use W/Mechanical Governor		134-4960-50	1	Spec A
	134-4935	1	Insulation		134-5003-50	1	Begin Spec B
	134-4805	1	Insulation, Right Hand	8	815-0508	4	Screw, Self-Locking Hex Washer Head (5/16-18 x .75")
	134-4806	1	Insulation, Left Hand				Screw, Torx Drive (1/4-20 x 1/2")
	134-4807	1	Insulation, Front	9	815-0815	26	Cover, Right Side Cylinder (Includes Indented Parts Listed Below)
4	518-0581	3	Nut, Insulation Push-On	10	134-4891	1	Cover, Inner Cylinder Head
			Cover, Left Side Cylinder (Includes Indented Parts Listed Below)				Insulation, Cylinder Head
	134-4892	1	Gasoline Sets		134-4792-50	1	Insulation, Muffler Box
			LP Sets		134-4765	1	Nut, Insulation Push-On
	134-5169	1	Spec A-E		134-4768	1	Panel, Front (Includes Indented Parts Listed Below)
	134-5169-01	1	Begin Spec F		518-0581	5	Insulation
	134-4790-50	1	Cover, Inner Cylinder Head	11	134-5166	1	Cover, Tailpipe Access
	518-0581	5	Nut, Insulation Push On				Clip, Access Cover (1/4-20)
	815-0815	4	Screw, Torx Drive (1/4-20 x 1/2")		134-4994	1	Screw, Torx Drive Access Cover (1/4-20 x 1/2")
	518-0574	4	Clip, Access Cover (1/4-20)		134-4771-50	1	Nut, Insulation Push On
			Cover, Tailpipe Access		518-0574	4	Clip, Moulding
	134-4771-50	1	Insulation, Cylinder Head		815-0815	4	Plug, Governor Adjust Access
	134-4766	1	Insulation, Muffler Box				
	134-4769-00	1	Gasoline Sets	12	518-0570	9	
			LP Sets	13	517-0278	1	
	134-4769-01	1	Spec A-E				
	134-4769-02	1	Begin Spec F				

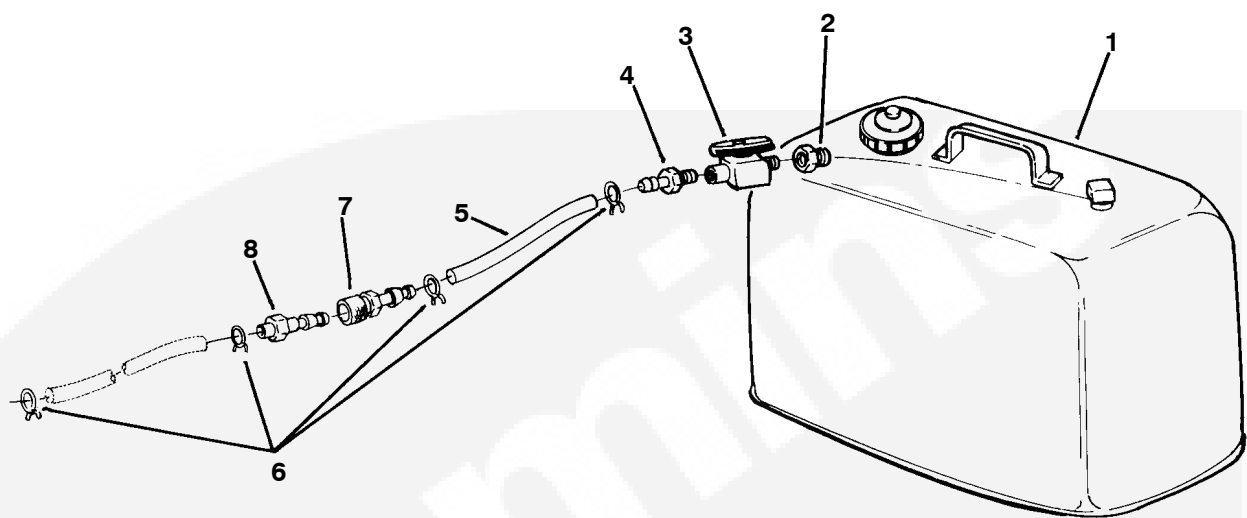
Underfloor Housing



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-4236-S0	1	Panel, Rear (Includes Insulation)
2	405-4668-01	1	Cover, Rear Panel
3	850-0030	2	Washer, Spring Lock (#10)
4	813-0098	2	Screw, Round Head Machine (#10-32 x 3/8")
5	800-0026	16	Screw, Hex Head Cap (5/16-18 x 3/4")
6	526-0122	22	Washer, Flat (5/16")

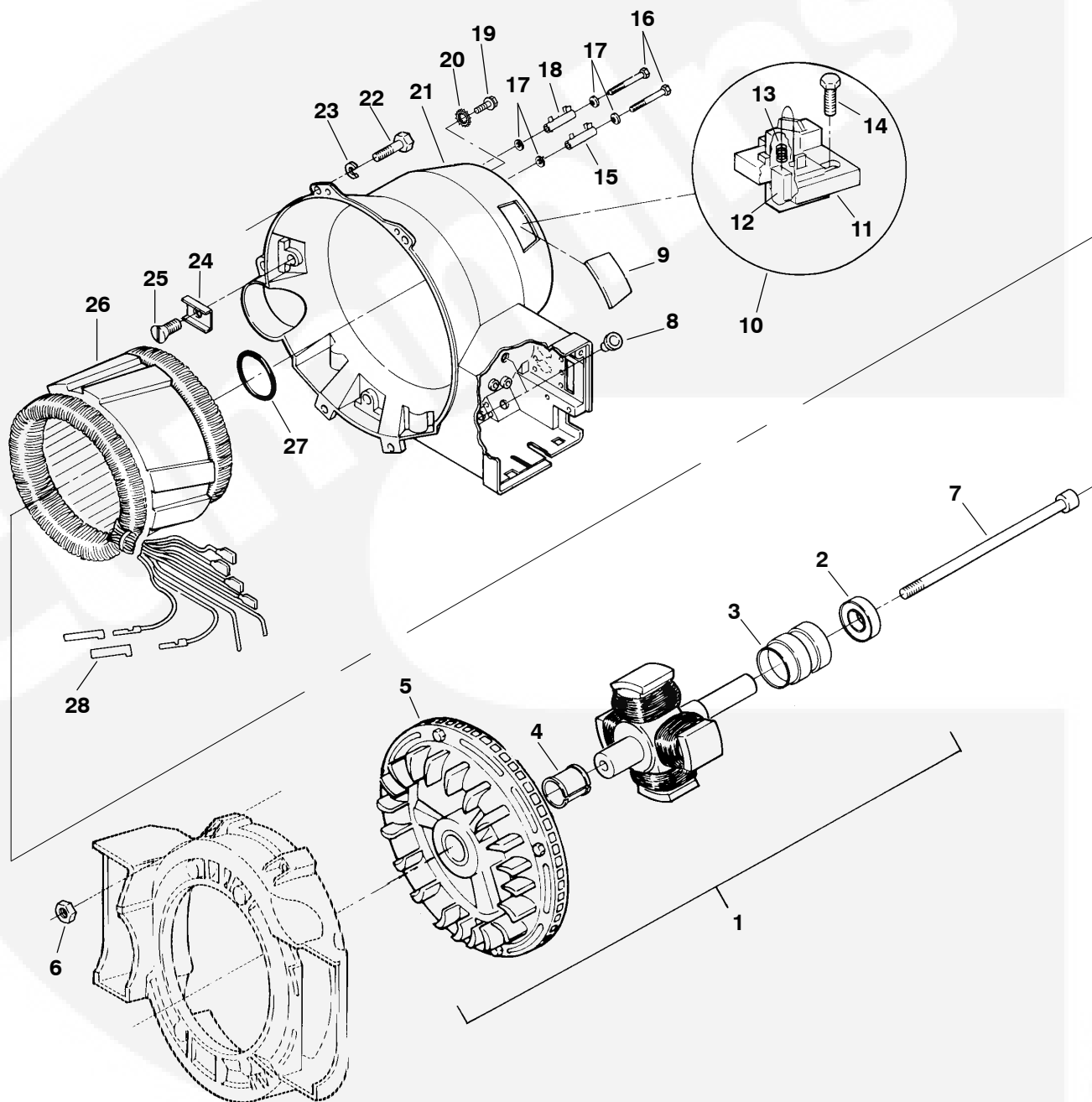
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	405-4238-S0	1	Panel, Left Side (Includes Insulation)
8	856-0008	2	Washer, EIT Lock (5/16")
9	405-4237	1	Panel, Right Side (Includes Insulation)
10	508-0071	3	Grommet, Rubber (5/8" Grommet ID)
11	508-0055	1	Grommet, Rubber (1-1/2" ID)

Fuel Tank



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	415-0511	1	Tank, Fuel (6 Gallon)	6	503-0731	4	Clamp, Hose
2	505-0007	1	Bushing, Reducer (1/4" x 1/8")	7	502-0397	1	Coupling, Quick Disconnect Female
3	504-0169	1	Valve, Shutoff (1/8")	8	502-0398	1	Coupling, Quick Disconnect Male
4	502-0395	1	Connector, Barbed Hose (1/8")				
5	503-0708	1	Hose, Fuel (1/4" ID x 14")				

Generator



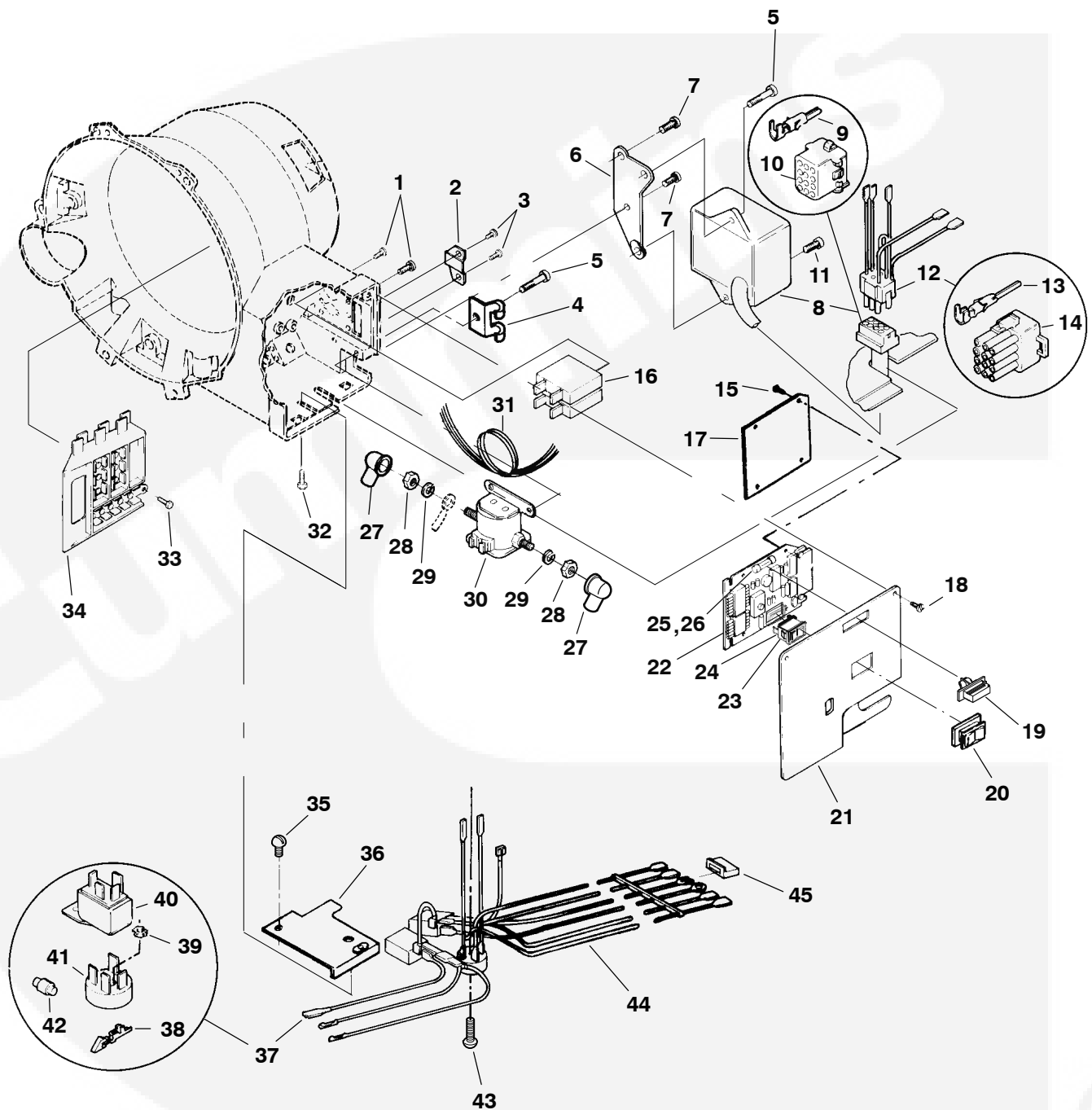
Generator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	201-3388-03	1	Rotor, Generator (Includes Parts Marked *)	17	304-0796	4	Washer, Centering
2	510-0099	1	*Bearing, Ball	18			Resistor, Battery Charge (R1)
3	204-0134	1	*Ring, Collector		304-0794	1	Specs A,B
4	518-0460	1	*Ring, Tolerance				Spec C-F
5	205-0165	1	*Fan, Generator		304-0820	1	50 Watts, 2 Ohms
6	862-0003	4	Nut, Hex (3/8-16)		304-0818	1	50 Watts, 1.2 Ohms
7	802-1038	1	Screw, Socket (7/16-14 x 10-7/32")	19	821-0030	1	Screw, Lock Head (3/8-16 x 1")
8	508-0272	2	Grommet, Nylon	20	856-0010	1	Washer, EIT Lock (3/8")
9	212-1284	1	Cover, Brush Block Access	21	220-4532-01	1	Housing, Generator Stator
10	212-1285	1	Block, Generator Brush (Includes Parts Marked #)	22	800-0052	4	Screw, Hex Head Cap (3/8-16 x 1-1/2")
11	212-1286	1	#Block, Brush	23	850-0050	4	Washer, Spring Lock (3/8")
12	214-0103	2	#Brush, Generator	24	232-2955-02	3	Clamp, Stator
13	212-1276-03	2	#Spring, Generator Brush	25	815-0290	3	Screw, Countersunk Torx Drive Thread Forming (1/4-20 x 5/8")
14	815-0788	2	Screw, Pan Head Torx (#10-32 x 7/8")	26	220-4135-04	1	Stator, Generator
15	304-0810	1	Resistor, Fuel Pump (R7)	27	509-0196	1	O'Ring
16			Screw, Torx Drive Thread Forming	28	332-0819	2	Housing, Push On Connector
	815-0660	2	Hex Head (#10-32 x 2-1/2") Specs A,B				
	815-0808-01	1	Pan head (#10-32 x 4-1/2") Begin Spec C				

* - Parts Included in Generator Rotor.

- Parts Included in Generator Brush Block.

Control

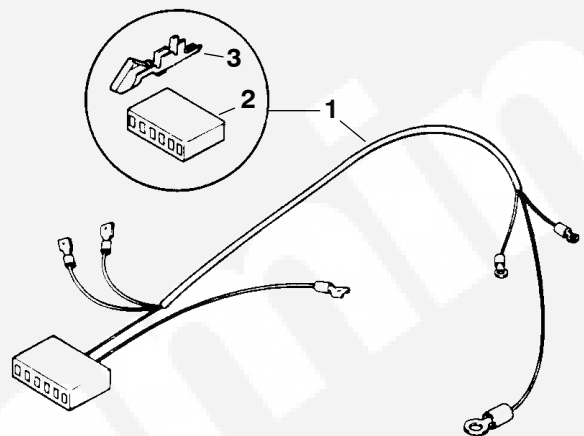


Control

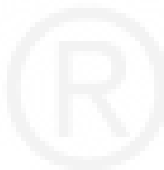
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	815-0662	4	Screw, Torx Slotted Hex Washer Head (#6-32 x 3/8")	22			Board, PC (A1) (Includes Clip, Switch, Hard Plastic Cover and Fuse)
2	232-3265-02	1	Clamp, Conduit				
3	815-0661	2	Screw, Pan Head Thread Forming (#10-32 x 1/2")	300-3950	1		Spec A
4			Bracket, Fuse Holder	300-3764	1		Spec B-F
	321-0323-02	1	Spec A-F	300-4902	1		Begin Spec G
	321-0357-02	1	Begin Spec G	23 308-0996	1		Cover, Hard Plastic Switch
5			Screw, Pan Head Machine	24 308-0995	1		Switch, On/Off (A1S1)
	815-0692-02	2	Spec A-F (1/4-20 x 1")	25 321-0271	1		Clip, Fuse
	815-0898-13	2	Begin Spec G (1/4-20 x 1.23)	26			Fuse (F1)
6	305-0825-02	1	Bracket, Voltage Regulator	321-0298	1		5 Amp - Spec A
7	815-0664	2	Screw, Torx Drive Thread Forming (1/4-20 x 3/8")	321-0146	1		10 Amp - Begin Spec B
8	305-0826	1	Regulator, Voltage (Includes Cap and Pins) (VR1)	27 332-2112	2		Insulator, Terminal
9	323-1199	12	Pin, Contact	28 868-0002	2		Nut, Hex Jam (5/16-24)
10	323-1315	1	Cap, 12 Place Connector (P4)	29 850-0045	2		Washer, Spring Lock (5/16")
11	815-0777-01	1	Screw, Torx Drive (1/4-20 x 1/2")	30 307-2570	1		Relay, Start Solenoid (K1)
12	338-2476	1	Harness, Voltage Regulator (Includes Socket and Plug)	31 338-2058	1		Harness, AC Output
13	323-1200	7	Plug, Connector	32 815-0803	1		Screw, Torx Pan Head (#10-32 x 1")
14	323-1314	1	Plug, 12 Place Connector (J4)	33 815-0691-01	1		Screw, Pan Head Torx Drive Thread Forming (#10-32 x 3/8")
15	815-0791	4	Screw, ET Pan Head Cross Recessed (#6-32 x 3/8")	34 332-2859-02	1		Block, Terminal (TB1)
16			Breaker, AC Output Circuit (CB1,CB2)	35 813-0096	2		Screw, Round Head Machine (#10-32 x 1/4")
			Spec 26106, 26116,	36 307-2695	1		Bracket, Relay (Spec A)
	320-1572	1	30A	37 338-2465	1		Harness, Generator (Includes Parts Marked +)
	320-1683	1	20A	38 323-1440	2		+ Pin, Contact
	320-1572	2	Spec 11439, 26105, 26115, 66115, 66173 (30A)	39 870-0131	1		Nut, Hex (.190-32)
17	332-3075	1	Insulator, PC Board (Begin Spec B)	40 307-1886	2		+ Relay, Fuel Pump Stop Latch (K5, K6)
18	815-0661	2	Screw, Pan Head Thread Forming (#10-32 x 1/2")	41 305-0718	1		+ Rectifier, Fuel Pump Bridge Power (CR10) (Spec A-F)
19	321-0295	1	Holder, Fuse (For Spares)	42 357-0067	2		+ Rectifier, Fuel Pump Stop Latch (CR8, CR9)
20	308-0949	1	Cover, Rubber Switch	43 813-0103	1		Screw, Round Head Machine (#10-32 x 3/4")
21			Cover, Control	44 338-2533	1		Harness, Fuel Pump (F2-2, TB1-L0 to J5, R6)
	319-0762	1	Spec A	45 332-0819	1		Housing, Push On Connector
			Begin Spec B				
	319-1238-01	1	Spec 26106, 26116,				
	319-1238-02	1	Spec 11439, 26105, 26115, 66115, 66173				

+ - Parts Included in Generator Harness.

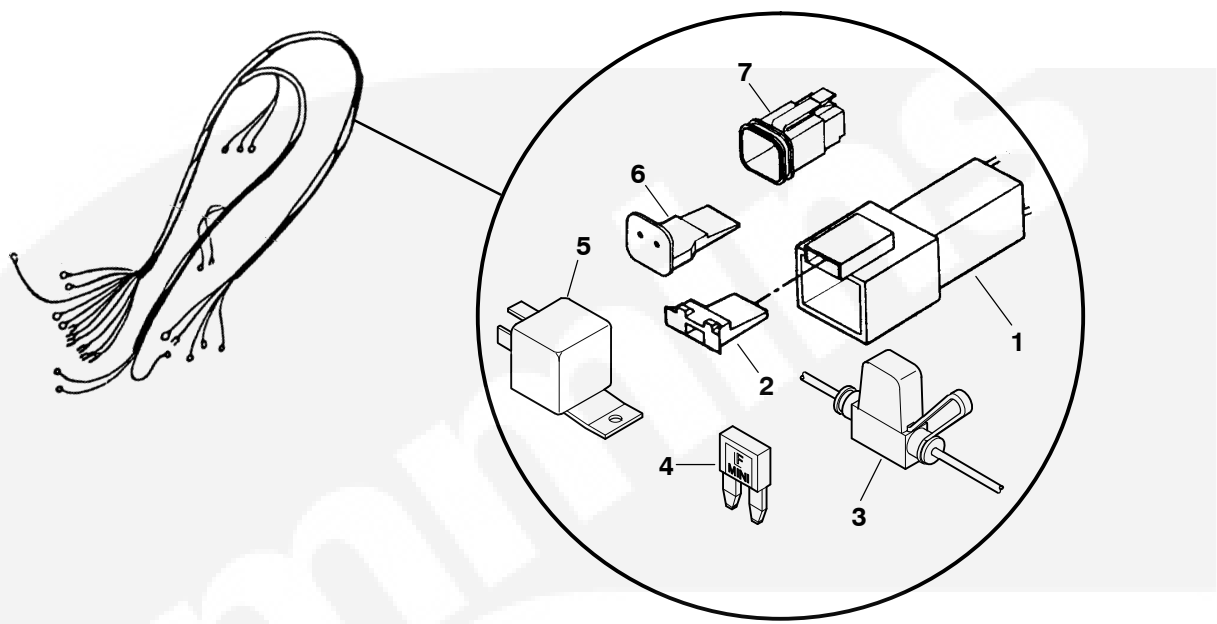
**Engine Harness
Spec A**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-2481	1	Harness, Wiring (PCB2) Engine to Control (Includes Housing and Contact Pins)
2	323-1329	1	Housing (J3)
3	323-1440	2	Pin, Contact

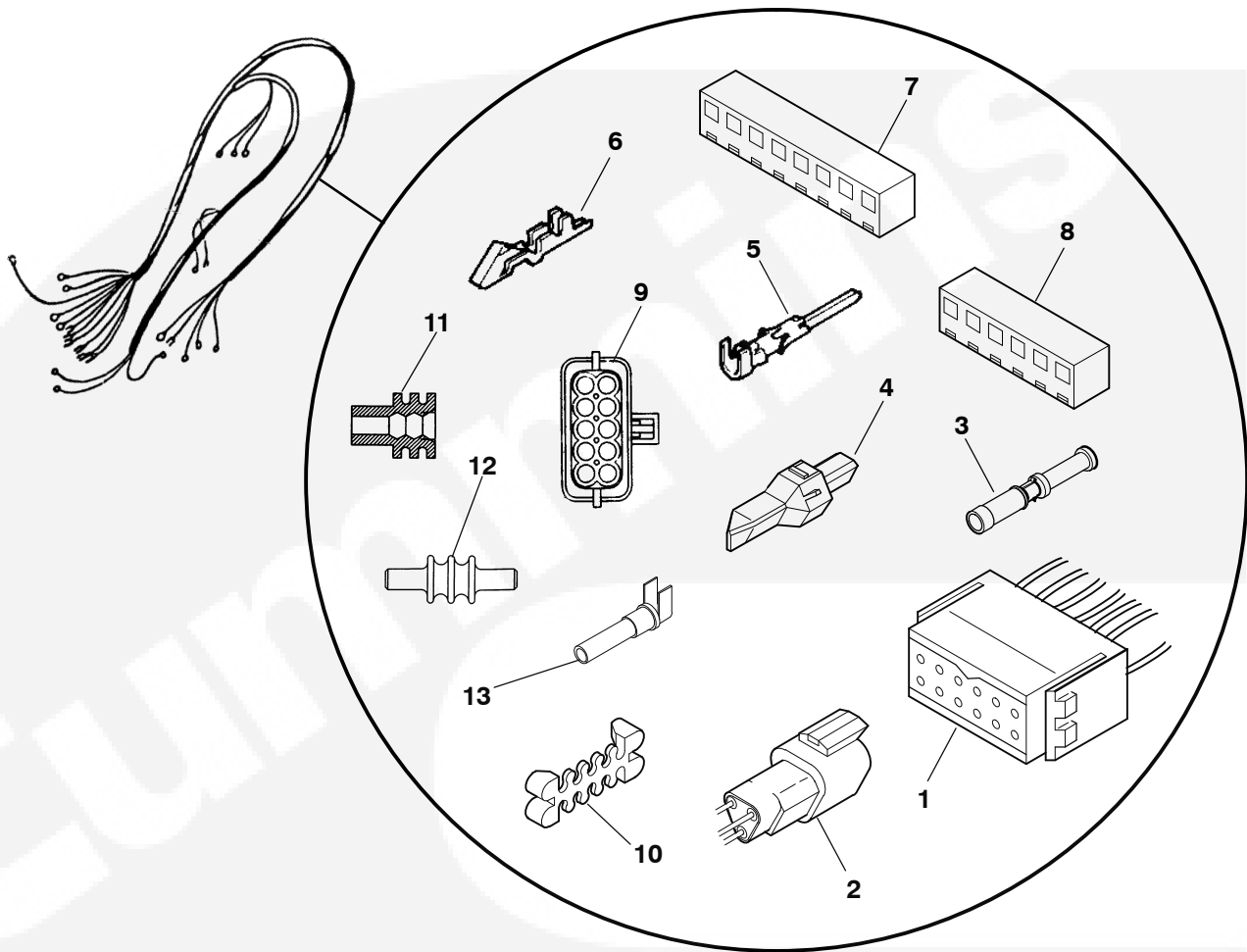


Engine Harness
Begin Spec B



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Harness, Engine Gasoline Units	2	323-1501	1	Wedge, Receptacle – Use with 323-1505 Connector
	338-2585	1	Spec B	3	321-0322-01	1	Holder, Fuse
	338-2585-01	1	Spec C	4	321-0321-06	1	Fuse (10A)
	338-2888	1	Begin Spec D	5	307-1886	1	Relay (K4)
			LP Units	6	323-1500	1	Wedge, Plug – Use with 323-1505 Connector
	338-2585	1	Spec B	7	323-1504	1	Connector, Plug – Use with 323-1505 Connector
	338-2585-01	1	Spec C-E				
	338-2585-02	1	Begin Spec F				
1	323-1505	1	Connector, Receptacle				

Wiring Harness PCB



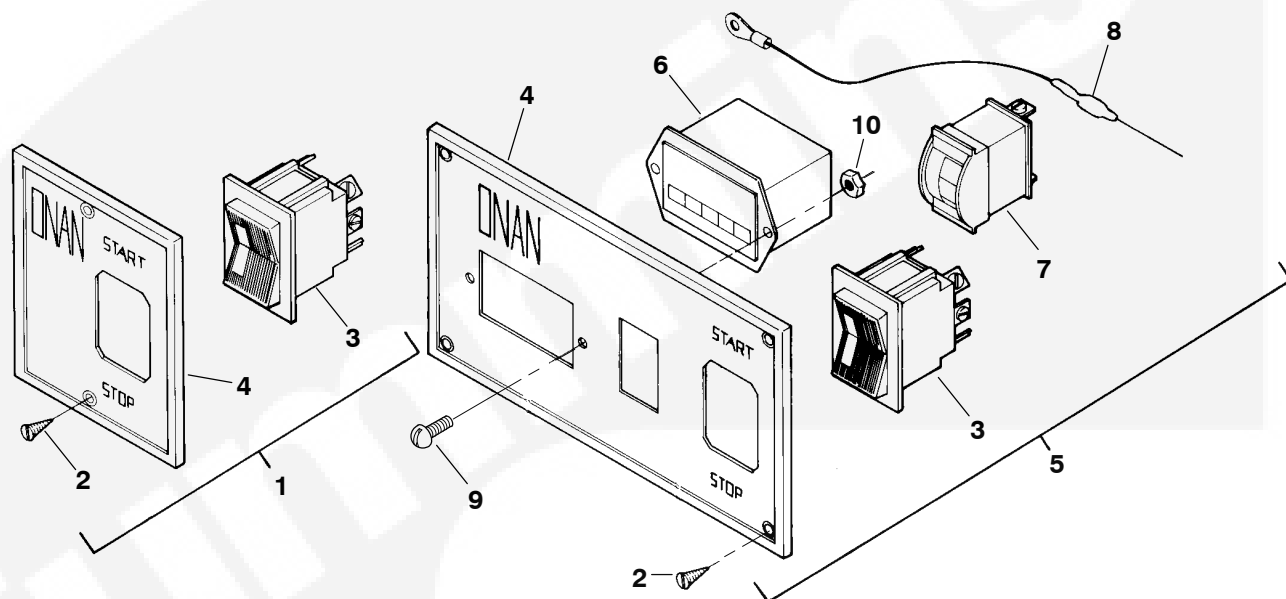
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Harness, Wiring Gasoline Sets Spec A	2	323-1494	1	Connector, Receptacle
338-2040	1		PCB #1 (Includes Parts Marked *)	3	323-1486	8	Pin, Contact
338-2584	1		Spec B,C (Includes Parts Marked °)	4	323-1502	1	Wedge, Receptacle – Use with 323-1494 Connector Pin
338-2887	1		Spec D-F (Includes Parts Marked °)	5	323-1200	1	Contact, Socket
338-3478-01	1		Begin Spec G (Includes Parts Marked —)	6	323-1440	5	+*Pin, Contact
			LP Sets (Includes Parts Marked °)	7	323-1312	1	*Housing (J1)
338-3386	1		Spec C-E	8	323-1329	1	+Housing (J3)
338-2584-01	1		Spec F	9	323-1743	1	Connector, Plug (8 Pin)
338-3478-02	1		Begin Spec G	10	323-1741	1	Lock, Housing
1	323-1487-03	1	Housing, Connector – 12 Connections	11	323-1708	85	Seal, Cable
				12	323-1712	3	Plug, Cavity
				13	323-1491	1	Pin, Terminal

* – Parts Included in Spec A Harness.

° – Parts Included in Spec B-F and LP Harnesses.

— Parts Included in Beginning Spec G Harness.

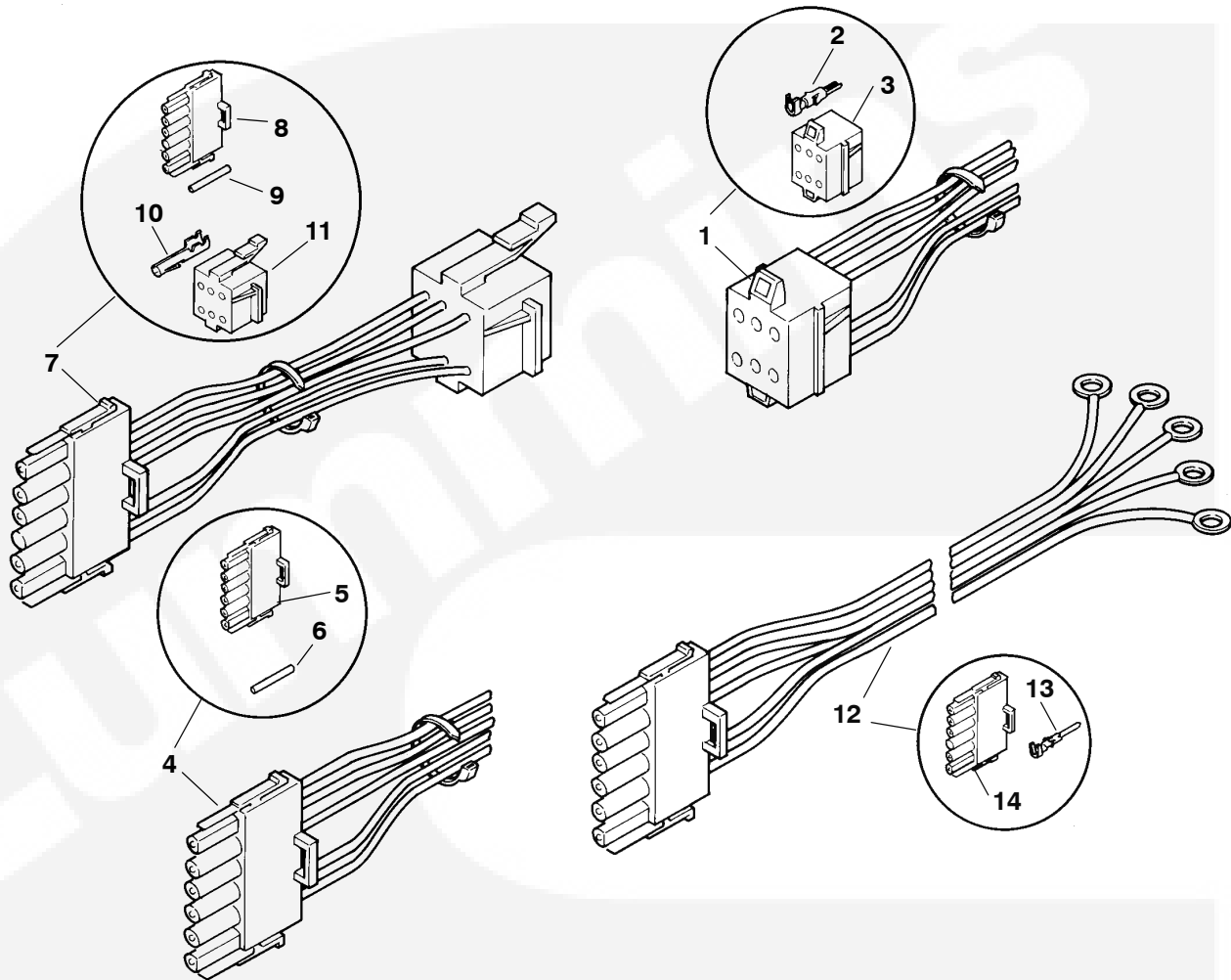
Remote Panel (Spec A-F)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-2313	1	Kit, Standard Remote Control (Includes Screws, Rocker Switch and Control Panel) (A3)	5	300-2314	1	Kit, Deluxe Remote Control (Includes Parts Marked +) (A2)
2			+ Screw, Wood Oval Head Cross Recessed (#5 x 1/2")	6	302-0885	1	+ Meter, Time Totalizing (M2)
	815-0380	2	Standard Control	7	302-0888	1	+ Meter, Battery Condition (M1)
	815-0380	4	Deluxe Control	8	359-0034	1	+ Diode
3	308-0341	1	+ Switch, Rocker (S1)	9	815-0385	2	+ Screw, Round Head Machine (#6-32 x 1/2")
4			+ Panel, Control	10	860-0006	2	+ Nut, Hex (#6-32)
	301-3566	1	Standard Control				
	301-3606	1	Deluxe Control				

+ - Parts Included in Deluxe Remote Control Kit.

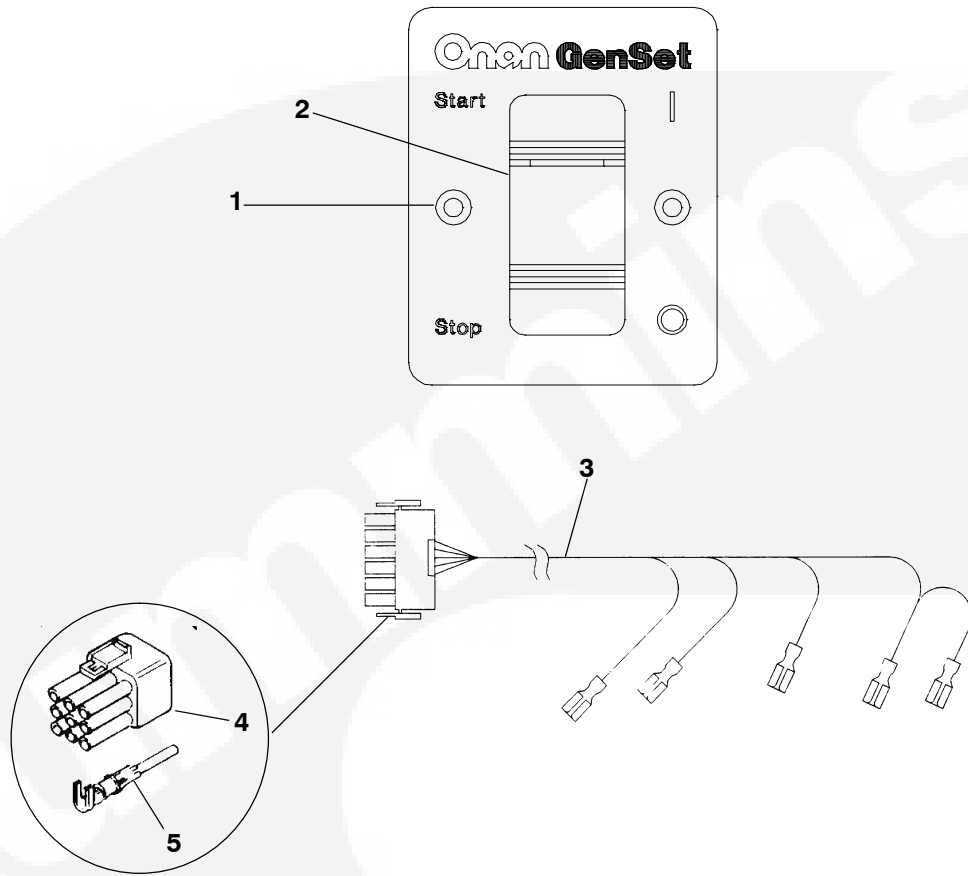
Remote Wiring Harness (Spec A-F)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-1082	1	Harness, 6" Receptacle Wiring (Includes Pins and Housing)
2	323-0500	5	Pin, Contact
3	323-0400	1	Housing, Connector (6 Place)
4	338-2046	1	Harness, 6" Remote (Includes Housing and Pins)
5	323-1304	1	Housing, Connector (6 Place)
6	323-1199	5	Pin, Contact
7	338-2137	1	Harness, 6" Adapter Wiring (Includes Pins, Sockets and Housing)

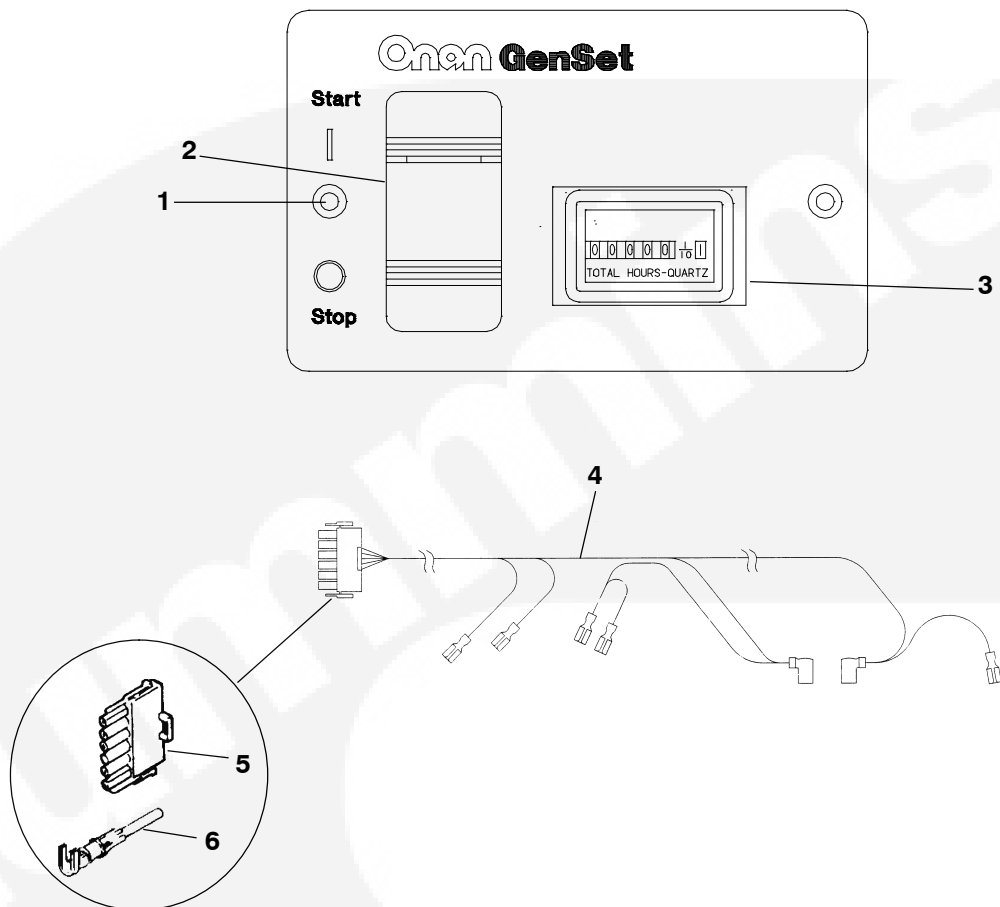
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
8	323-1304	1	Housing, Connector (6 Place)
9	323-1199	5	Pin, Contact
10	323-0488	5	Socket, Connector
11	323-0440	1	Housing, Connector (6 Place)
12			Harness, Wiring (Includes Pins and Housing)
	338-2260-01	1	Ten Foot
	338-2260-02	1	Thirty Foot
13	323-1199	5	Pin, Contact
14	323-1304	1	Housing, Connector (6 Place) (J2)

Remote Switch Panel Begin Spec G



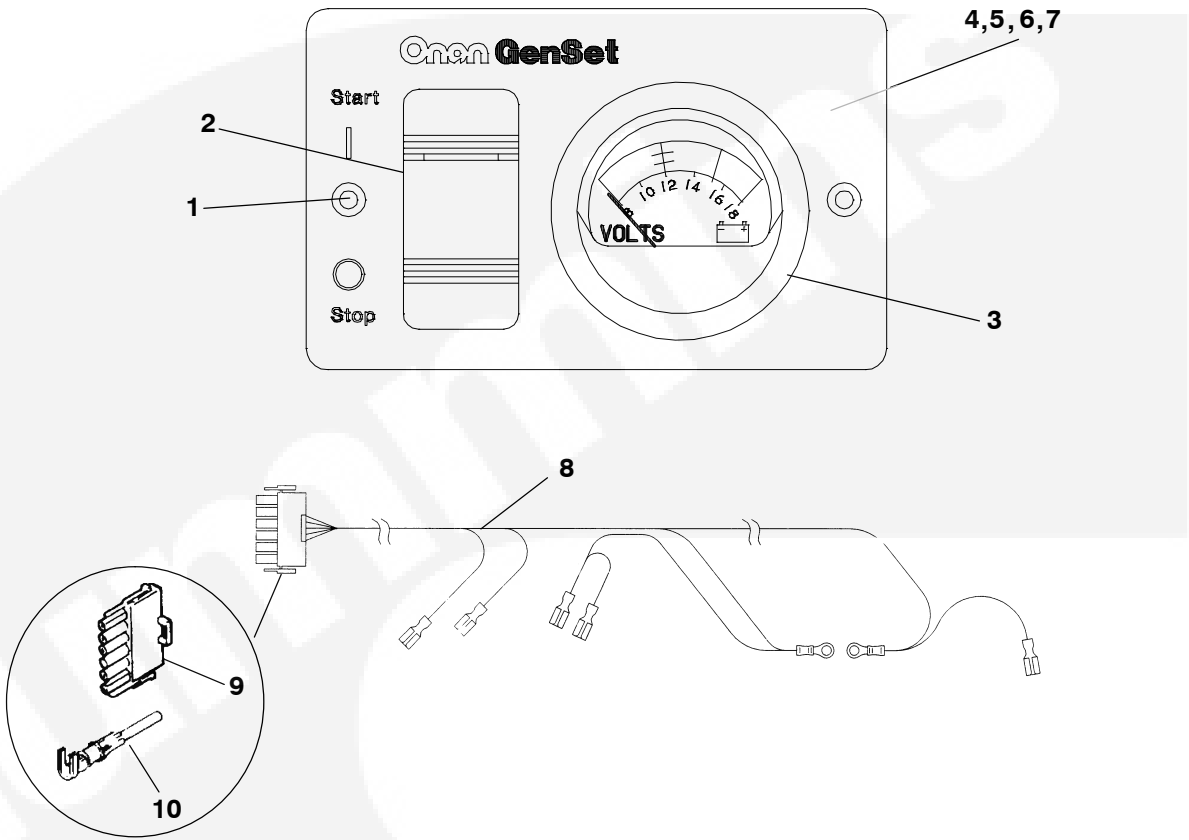
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-4936	1	Kit, Switch Only Remote Panel	4	323-1291	1	Plug (9 Pin)
1	815-0910	2	Screw, Wood Mounting (#6 x 1)	5	323-1199	4	Pin, Contact
2	308-1062	1	Switch, Rocker				
3	338-3510	1	Harness, Remote Panel (Includes Pins and Plug)				

Remote Switch/Hourmeter Panel Begin Spec G



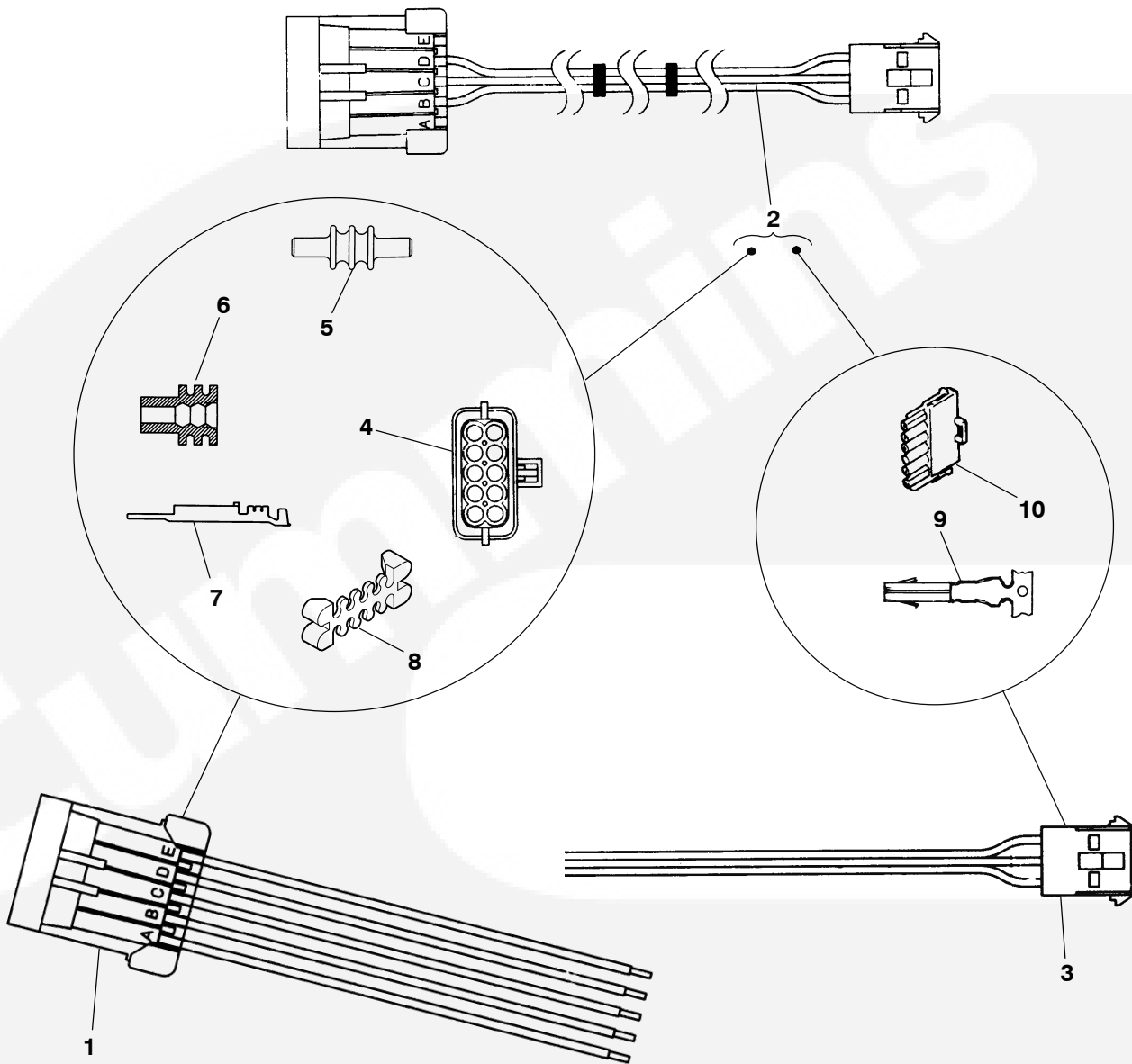
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-4937	1	Kit, Switch/Hourmeter Remote Panel	4	338-3466	1	Harness, Remote Panel (Includes Pins and Plug)
1	815-0910	2	Screw, Wood Mounting (#6 x 1)	5	323-1304	1	Plug (6 Pin)
2	308-1062	1	Switch, Rocker	6	323-1199	4	Pin, Contact
3	302-2002	1	Meter, Hour				

Remote Switch/Voltmeter Panel
Begin Spec G



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-4938	1	Kit, Switch/Voltmeter	7	850-0030	2	Washer, Lock
1	815-0910	2	Screw, Wood Mounting (#6 x 1)	8	338-3507	1	Harness, Remote Panel (Includes Pins and Plug)
2	308-1062	1	Switch, Rocker	9	323-1304	1	Plug (6 Pin)
3	302-1641	1	Meter, Voltage	10	323-1199	4	Pin, Contact
4	526-0409	2	Washer, Nylon				
5	526-0049	4	Washer, Flat				
6	871-0010	4	Nut, Hex Brass Machine (10-32)				

Remote Harness Begin Spec G

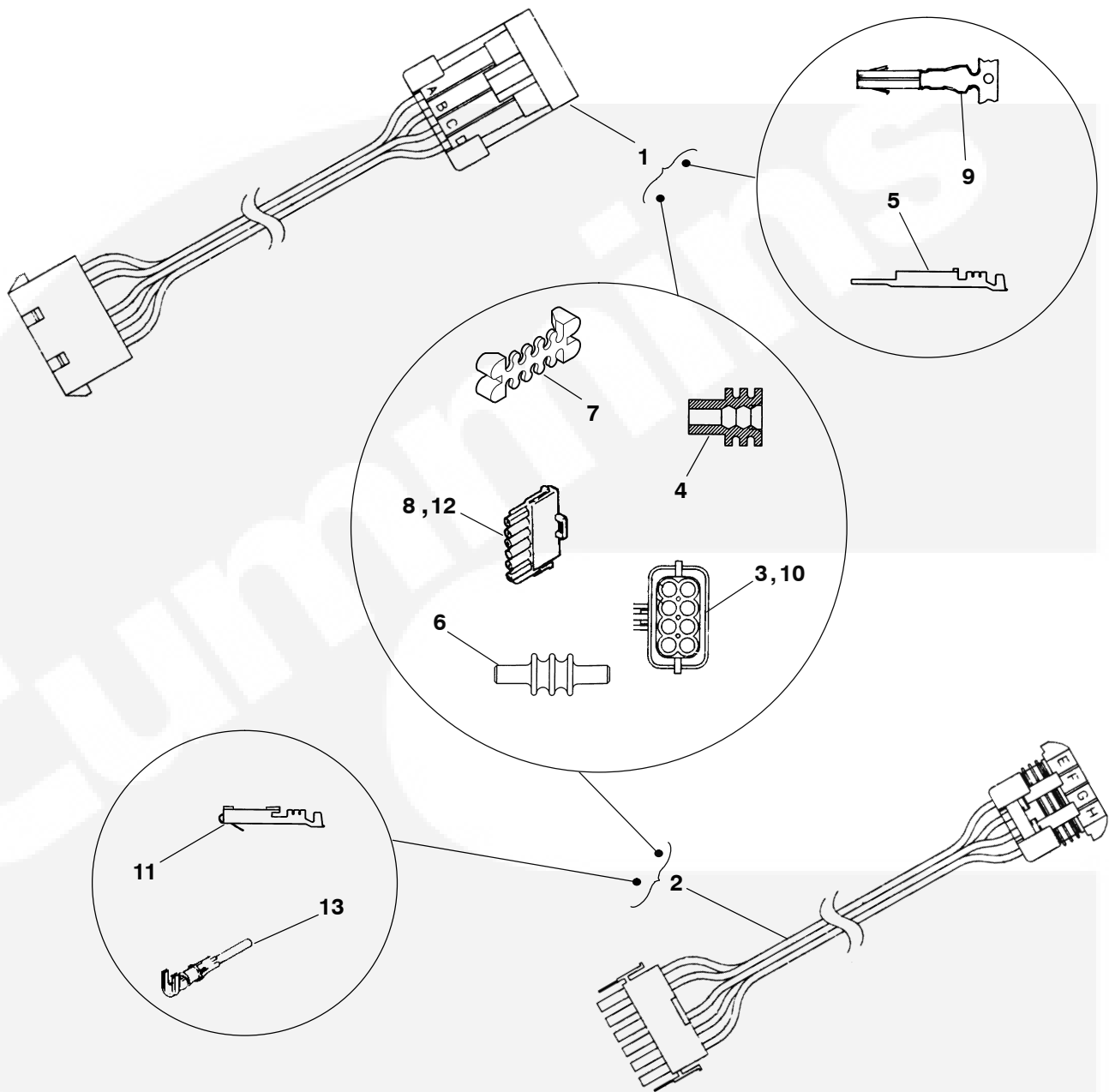


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-4946	1	Harness, Remote (Includes Parts Marked *)
2			Harness, Remote Panel (Includes Parts Marked +)
	338-3489-01	1	10'
	338-3489-02	1	30'
3	338-3572	1	Harness, Adapter (Includes Parts Marked #)
4	323-1744	1	+*Connector, Receptacle (8 Pin)
5	323-1712	3	+*Plug, Cavity

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	323-1708	5	+*Seal, Cable
7	323-1707	5	*Pin, Contact
8	323-1741	1	+*Lock, Housing
9	323-1200	1	+#Contact, Socket
10	323-1342	1	+#Cap, Connector

* - Parts Included in Remote Harness
+ - Parts Included in Remote Panel Harness
- Parts Included in Adapter Harness

Adapter Harness



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-3513		Harness, Adapter Wiring New Set to Old Panel (Includes Parts Marked *)
2	338-3514		Harness, Adapter Wiring Old Set to New Panel (Includes Parts Marked +)
3	323-1744	1	*Connector, Receptacle (8 Pin)
4	323-1708	5	+*Seal, Cable
5	323-1707	5	*Pin, Contact
6	323-1712	3	+*Plug, Cavity
7	323-1741	1	+*Lock, Housing

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
8	323-1342	1	*Cap, Connector (6 PI)
9	323-1200	1	*Contact, Socket
10	323-1743	1	+Connector, Plug (8 Pin)
11	323-1709	5	+Socket, Terminal
12	323-1304	1	+Cap, Connector (6 PI)
13	323-1199	5	+Pin, Contact

* - Parts Included in Remote Harness

+ - Parts Included in Remote Panel Harness

Labels, Paint, Thread Sealant, Kits

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	98-5335	1	Label, Air Cleaner – Begin Spec B		98-6074-02	1	Label, Warning (Provide Support)
	98-6105-03	1	Label, Air Cleaner – Begin Spec B		98-6402-02	1	Label, Warning (Service/Maintenance)
	98-6586-02	1	Label, Battery Negative		98-6088	1	Label, Warning (Fire or Fumes)
	98-6566	1	Label, Fuse		98-6041	1	Label, Warning (Hazardous Voltage, Exhaust Gas)
	98-7371-04	1	Label, Model Identification (Marquis 7000)		518-0347	1	Loctite, Bottle (250cc)
	98-7371-03	1	Label, Model Identification (Marquis 6500 LPG)		525-0394	1	Paint, Enamel Touch-Up – Black (Flat) 16 oz. Pressurized Can
	98-6618-01	1	Label, Oil Capacity (White Background)		518-0452	1	Sealant, Thread (50cc Bottle)
	98-6618-02	1	Label, Oil Fill (Black Background)		120-0161	1	Kit, Oil Pump Gasket
	98-6388-02	1	Label, Phone Info		168-0190	1	Kit, Gasket
	98-7370	1	Label, Stripe		168-0193	1	Valve Grind Engine

Wiring Diagram Information

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26106		611-1196	611-1219	611-1240
26115		611-1196	611-1196	611-1250
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66173		611-1233	611-1233	

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